

# Payment Card Industry Data Security Standard

# Attestation of Compliance for Report on Compliance – Service Providers

Version 4.0

Revision 1 Publication Date: December 2022



# PCI DSS v4.0 Attestation of Compliance for Report on Compliance – Service Providers

**Entity Name: Microsoft Corporation - Microsoft Azure** 

Assessment End Date: 02/23/2023

Date of Report as noted in the Report on Compliance: 03/07/2023



### Section 1 Assessment Information

### **Instructions for Submission**

This Attestation of Compliance (AOC) must be completed as a declaration of the results of the service provider's assessment against the *Payment Card Industry Data Security Standard (PCI DSS) Requirements and Testing Procedures (*"Assessment"). Complete all sections. The service provider is responsible for ensuring that each section is completed by the relevant parties, as applicable. Contact the entity(ies) to which this AOC will be submitted for reporting and submission procedures.

This AOC reflects the results documented in an associated Report on Compliance (ROC). Associated ROC sections are noted in each AOC Part/Section below.

Capitalized terms used but not otherwise defined in this document have the meanings set forth in the PCI DSS Report on Compliance Template.

| Part 1. Contact Information                   |   |
|---|---|
| Part 1a. Assessed Entity<br>(ROC Section 1.1) |   |
| Company name:                                 | Microsoft Corporation   |
| DBA (doing business as):                      | Microsoft Azure   |
| Company mailing address:                      | One Microsoft Way, Redmond, WA, 98052                             |
| Company main website:                         | https://azure.microsoft.com                                       |
| Company contact name:                         | Darius Ryals  |
| Company contact title:                        | GM, Partner Promises and Azure Chief Information Security Officer |
| Contact phone number:                         | (425) 706-4622  |
| Contact e-mail address:                       | dariusryals@microsoft.com   |
| Part 1b. Assessor<br>(ROC Section 1.1)        |   |

Provide the following information for all assessors involved in the Assessment. If there was no assessor for a given assessor type, enter Not Applicable.

| PCI SSC Internal Security Assessor(s) |   |
|---------------------------------------|---|
| ISA name(s):                          | Not Applicable  |
| Qualified Security Assessor           |   |
| Company name:                         | Coalfire Systems, Inc.                                  |
| Company mailing address:              | 11000 Westmoor Circle, Suite 450, Westminster, CO 80021 |
| Company website:                      | https://www.coalfire.com                                |
| Lead Assessor name:                   | Morgan Sayre  |
| Assessor phone number:                | 303-554-6333  |
| Assessor e-mail address:              | coalfiresubmissions@coalfire.com                        |
| Assessor certificate number:          | 204-356   |



#### Part 2. Executive Summary

#### Part 2a. Scope Verification

Services that were INCLUDED in the scope of the Assessment (select all that apply):

Name of service(s) assessed:

### Microsoft Azure Public Cloud

- AI + Machine Learning:
  - Al Builder
  - Azure Bot Service
  - Azure Open Datasets
  - Azure Singularity
  - Cognitive Services
    - Anomaly Detector
    - Cognitive Service Form Recognizer
    - Cognitive Service Metrics Advisor
    - o Cognitive Services Computer Vision API
    - o Cognitive Services Container Platform
    - o Cognitive Services Content Moderator
    - o Cognitive Services Custom Vision Service
    - o Cognitive Services Face API
    - o Cognitive Services Immersive Reader
    - Cognitive Services Personalizer
    - Cognitive Services Text Analytics API
    - Language Customization
    - Language Understanding Intelligent Service (Cognitive Service)
    - Microsoft Translator
    - o QnAMaker Service
    - Speech Services
    - o Video Indexer
    - o Machine Learning Service
  - Machine Learning Studio
  - Microsoft Genomics
  - Open AI Enterprise
  - Azure Applied AI Services
  - Intelligent Recommendations
  - Azure Health Bot
  - Microsoft Bot Framework



#### Analytics:

- Azure Analysis Services
- Azure Chaos Studio
- Azure Data Explorer
- Azure Synapse Analytics
- Data Factory
- HDInsight
- Azure Stream Analytics
- Data Catalog
- Data Lake Analytics
- Azure Data Share
- Azure Data Lake Storage Gen1
- Update Compliance

#### Compute:

- Azure Center for SAP Solutions
- Azure VM Image Builder
- Cloud Services
- Azure Service Manager (RDFE)
- Azure Spring Apps
- Service Fabric
- Virtual Machine Scale Sets
- Virtual Machines
- Azure Virtual Desktop
- Batch

٠

- Functions
- App Service
  - App Service Web Apps (including Containers)
- Azure App Service Static Web Apps
- Guest Configuration
- Azure VMware Solution
- Planned Maintenance
- Azure Stack\*
- Azure Arc-enabled Servers
- Azure Arc-enabled SQL Servers
- Azure Arc-enabled Kubernetes
- Quota+ Usage blade



#### Containers:

- Azure Container Apps
- Azure Kubernetes Service (AKS)
- Azure Red Hat OpenShift (ARO)
- Container Instances
- Container Registry
- Azure Kubernetes Configuration Management

#### Databases:

- Azure Cosmos DB
- Azure SQL
- Azure SQL Database Edge
- Azure Database for MariaDB
- SQL Server Registry
- Azure Database for MySQL
- Azure Database for PostgreSQL
- Azure Database Migration Service
- Redis Cache
- Microsoft Azure Managed Instance for Apache Cassandra
- SQL Server Stretch Database

#### **Developer Tools:**

- Azure DevTest Labs
- Azure Lab Services
- Azure Load Testing
- Azure Grafana Service
- Azure for Education
- Azure App Configuration
- Azure Red Hat OpenShift
- Service Connector

#### Identity:

- Azure Information Protection
- Azure Active Directory (Free, Basic, Premium)
- Azure Active Directory B2C
- Azure Active Directory Domain Services



• Azure Signup Portal

#### Integration:

- Scheduler
- Service Bus
- Azure Health Data Services
- Azure Web PubSub

#### Internet of Things:

- Event Hubs
- Event Grid
- IoT Central
- IoT Hub
- Azure Maps
- Notification Hubs
- Time Series Insights
- Windows 10 IoT Core Services
- Logic Apps
- API Management
- Microsoft Azure Peering Service
- Azure Digital Twins
- Azure Email Orchestrator

#### Management and Governance:

- Azure Resource Manager
- Automation
- Azure Advisor
- Azure Lighthouse
- Azure Managed Applications
- Azure Migrate
- Azure Monitor
- Application Change Analysis
- Azure Policy
- Azure Resource Graph
- Cloud Shell
- Microsoft Azure Portal
- Azure Blueprints



- Microsoft Purview
- Nomination Portal
- Cost Management
- Resource Move

#### Media:

Media Services

#### Mixed Reality

- Azure Spatial Anchors
- Azure Remote Rendering

#### Mobile:

Azure Public MEC

#### Networking:

- Azure DDoS Protection
- Application Gateway
- Azure Load Balancer
- Azure Virtual Network Manager
- ExpressRoute
- IP Services
- Virtual Network
- VPN Gateway
- Azure Bastion
- Azure DNS
- Azure Firewall
- Azure Firewall Manager
- Azure Front Door
- Azure Internet Analyzer
- Azure Private Link
- Azure Route Server
- Azure Web Application Firewall
- Content Delivery Network
- Network Watcher
- Traffic Manager
- Virtual WAN



- Virtual Network NAT
- Azure Network Function Manager

#### Security:

- Key Vault
- Azure Payment HSM
- Microsoft Azure Attestation
- Microsoft Defender for Cloud
- Multi-Factor Authentication
- Azure Dedicated HSM
- Customer Lockbox for Microsoft Azure
- Azure Sentinel
- Azure Sphere
- Storage
- Azure Data Box
- Azure HPC Cache
- Site Recovery
- StorSimple
- Azure NetApp Files
- Azure Defender for IoT
- Microsoft 365 Defender
- Microsoft Defender for Endpoint
- Backup
- Trusted Hardware Identity Management

#### Web:

- Azure Cognitive Search
- Azure SignalR Service

#### Microsoft Online Services:

- Intune
- Microsoft Autonomous Systems
- Microsoft Cloud for Sustainability
- Microsoft Graph
- Microsoft Managed Desktop [OF]
- Microsoft Stream
- Power Apps



- Power Automate
- Power BI
- Power BI Embedded
- Microsoft Threat Experts
- Power Pages
- Microsoft Defender for Identity
- Microsoft Defender for Cloud Apps
- Power Virtual Agents
- Universal Print
- Microsoft Cloud for Financial Services
- Dataverse
- Windows Autopatch

#### Microsoft Dynamics 365:

- Dynamics 365 Customer Engagement
- Dynamics 365 Customer Service
- Dynamics 365 Customer Insights
- Dynamics 365 Customer Insights Engagement Insights
- Dynamics 365 Field Service
- Dynamics 365 Sales
- Dynamics 365 AI Customer Insights
- Business 360 AI Platform
- Dynamics 365 Business Central
- Dynamics 365 Finance
- Dynamics 365 Fraud Protection
- Dynamics 365 Human Resources (Standalone)
- Dynamics 365 Intelligent Order Management
- Dynamics 365 Marketing
- Dynamics 365 Project Operations
- Dynamics 365 Supply Chain Insights
- Dynamics 365 Supply Chain Management
- Dynamics 365 Sales Insights
- Dynamics 365 Commerce
- Dynamics 365 Connected Spaces
- Chat for Dynamics 365
- Dynamics 365 Athena CDS to Azure data lake



|                                | Dynamics 365 Guides  |   |
|--------------------------------|--|---|
|                                | Dynamic 365 Business Q&A   | A   |
|                                | Dynamic 365 Customer Voi   | ce  |
|                                | Dynamics 365 Project Servi   | ce Automation   |
|                                | Dynamics 365 Remote Assi   | st  |
|                                | Dynamics 365 Retail  |   |
|                                | <ul> <li>Supporting Infrastructure Services</li> <li>* Includes the Azure Stack Bridge se<br/>capabilities between on-premises Az<br/>Azure cloud; however, customers are<br/>security of on-premises components.</li> </ul> | rvice which provides hybrid<br>ure Stack deployments and the online<br>e responsible for managing the |
| Type of service(s) assessed:   |  |   |
| Hosting Provider:              | Managed Services:  | Payment Processing:   |
| Applications / software        | Systems security services  | POI / card present  |
| 🛛 Hardware                     | ⊠ IT support   | 🗌 Internet / e-commerce   |
| Infrastructure / Network       | Physical security  | MOTO / Call Center  |
| 🛛 Physical space (co-location) | Terminal Management System   |   |
| ⊠ Storage                      | Other services (specify):  | Other processing (specify):   |

| Multi-Tenant Service Provider |                      |                         |
|-------------------------------|----------------------|-------------------------|
| Account Management            | Fraud and Chargeback | Payment Gateway/Switch  |
| Back-Office Services          | Issuer Processing    | Prepaid Services        |
| Billing Management            | Loyalty Programs     | Records Management      |
| Clearing and Settlement       | Merchant Services    | Tax/Government Payments |
| Network Provider              |                      |                         |

Others (specify):

Web-hosting servicesSecurity services

3-D Secure Hosting Provider

**Note:** These categories are provided for assistance only and are not intended to limit or predetermine an entity's service description. If these categories do not apply to the assessed service, complete "Others." If it is not clear whether a category could apply to the assessed service, consult with the entity(ies) to which this AOC will be submitted.



| Part 2a. Scope Verification (continued)  |   |  |   |
|--|---|--|---|
| Services that are provided by the service provider but were <u>NOT INCLUDED</u> in the scope of the Assessment (select all that apply):  |   |  |   |
| Name of service(s) not assessed:   | Azure Grafana Service Standard_B1ms SKU fleet |  |   |
| Type of service(s) not assessed:   |   |  |   |
| Hosting Provider:<br>Applications / software<br>Hardware<br>Infrastructure / Network<br>Physical space (co-location)<br>Storage<br>Web-hosting services<br>Security services<br>3-D Secure Hosting Provider<br>Multi-Tenant Service Provider<br>Other Hosting (specify): | Managed Services                              | y services<br>y<br>gement System   | Payment Processing:         POI / card present         Internet / e-commerce         MOTO / Call Center         ATM         Other processing (specify): |
| Account Management   | Fraud and Chargeback                          |  | Payment Gateway/Switch  |
| Back-Office Services   | Issuer Processing                             |  | Prepaid Services  |
| Billing Management   | Loyalty Programs                              |  | Records Management  |
| Clearing and Settlement  | Merchant Services                             |  | Tax/Government Payments   |
| Network Provider   |   |  | 1   |
| Others (specify):  |   |  |   |
| Provide a brief explanation why any checked services were not included in the Assessment:  |   | Azure Grafana Service Standard_B1ms SKU fleet<br>was excluded from the scope of the assessment as it<br>is not offered as a PCI DSS compliant service. |   |

| Part 2b. Description of Role with Payment Cards (ROC Section 2.1)  |  |
|--|--|
| Describe how the business stores, processes, and/or transmits account data.  | Microsoft Azure does not directly store, process or<br>transmit cardholder data (CHD). Azure hosts tenant<br>customers that may operate ecommerce, and financial<br>systems within their allocated resources and may store,<br>process, or transmit cardholder data (CHD). |
| Describe how the business is otherwise involved in or<br>has the ability to impact the security of its customers'<br>account data. | Microsoft Azure Cloud Computing Platform & Services<br>(Azure) is a cloud service provider, offering<br>Infrastructure as a Service (IaaS), Platform as a<br>Service (PaaS), and Software as a Service (SaaS)<br>services and associated services to customers of all      |



|  | sizes, from individuals up to multi-national enterprises.<br>As a Level 1 Service Provider, Azure offers hardware,<br>infrastructure, and computing platforms for customers<br>to build, deploy, and manage applications and services.<br>Microsoft Azure does this through a global network of<br>Microsoft Corporation data centers and third-party<br>managed data centers. Azure supports both Platform<br>as a Service (PaaS), Infrastructure as a Service (IaaS),<br>and Software as a Service (SaaS) offerings. Azure<br>product offerings are designed to meet their customers'<br>security, privacy, uptime, and compliance requirements.<br>Azure physical infrastructure is owned and managed by<br>Microsoft Cloud Infrastructure and Operations (MCIO),<br>which is included in this assessment.<br>Microsoft Azure does not directly store, process or<br>transmit cardholder data (CHD). |
|--|---|
| Describe system components that could impact the security of account data. | System components within the CDE that could impact<br>the security of account data:<br>Firewalls, routers, and switches<br>Servers<br>Storage<br>Encryption and Key Management<br>Support Systems<br>Administrative Workstations/Laptops<br>Multi-factor authentication<br>Access Authorization<br>Access Authorization<br>Change Management<br>File Integrity Monitoring<br>Intrusion Detection Systems<br>Logging and Alerting<br>Internal Vulnerability Scanning<br>External ASV Scanning<br>Penetration Testing   |

| Part 2c. Description of Payment Card Environment  |   |
|---|---|
| Provide a high-level description of the environment covered by this Assessment.                   | Microsoft Azure offers its customers laaS and<br>PaaS solutions, which may be used by |
| For example:  | customers to host their cardholder data   |
| <ul> <li>Connections into and out of the cardholder data<br/>environment (CDE).</li> </ul>        | environment (CDE) to store, process, or transmit CHD.                                 |
| Critical system components within the CDE, such as POI  | Technologies:   |
| devices, databases, web servers, etc., and any other necessary payment components, as applicable. | Operating Systems: including Windows     and Linux servers and client versions        |



| System components that could impact the security of account data. | <ul> <li>Virtualization: custom hypervisors to<br/>manage resources and enhance isolati<br/>of multi-tenant client environments and<br/>realize efficiencies</li> </ul>  |
|---|--|
|   | • Databases: multiple vendors and version supporting service implementations in the background, and as services for clients themselves.  |
|   | Web portals for client and service     management  |
|   | Administrative Workstations: Connects<br>web portals used for the services from<br>RDP and VPN technologies.   |
|   | Remote Desktop Protocol (RDP): enab<br>remote access for administrative work f<br>administrative workstations and client<br>access   |
|   | Virtual Private Network (VPN): enabling<br>remote access for administrative<br>workstations and client access  |
|   | Jump boxes: to increase logical isolatio<br>customer environment.  |
|   | • Network devices: Firewalls to filter traffi<br>to/from the CDE and between the client<br>and management networks. Routers,<br>switches architected in a tiered design<br>enhance management and isolation of<br>scope environment traffic. |
|   | Anti-malware: both industry solutions al<br>custom endpoint protection for service a<br>client virtual machines  |
|   | Vulnerability scanning: both internal and external, both service-focused and on client resources   |
|   | Change management: software to track<br>and record approval of infrastructure ar<br>software changes   |
|   | <ul> <li>Encryption: custom implementations,<br/>including HSM and Key Vault encryptio<br/>services, which offer secure, encrypted<br/>storage for Microsoft Azure and custom<br/>secrets and encryption keys</li> </ul>                     |
| icate whether the environment includes segmentation to rea        | luce the scope of the  |

(Refer to the "Segmentation" section of PCI DSS for guidance on segmentation)



# Part 2d. In-Scope Locations/Facilities (ROC Section 4.6)

List all types of physical locations/facilities (for example, corporate offices, data centers, call centers and mail rooms) in scope for this Assessment.

| Facility Type | Total Number of<br>Locations<br>(How many locations of<br>this type are in scope) | Location(s) of Facility<br>(city, country) |
|---------------|---|--|
| Data Centers  | 348   | Australia                                  |
|               |   | Australia Central                          |
|               |   | Australia Central 2                        |
|               |   | Australia East                             |
|               |   | Australia Southeast                        |
|               |   | Brazil                                     |
|               |   | Brazil Northeast                           |
|               |   | Brazil South                               |
|               |   | Brazil Southeast                           |
|               |   | Canada                                     |
|               |   | Canada Central                             |
|               |   | Canada East                                |
|               |   | Finland                                    |
|               |   | Finland Central                            |
|               |   | North Europe 2                             |
|               |   | France                                     |
|               |   | France Central                             |
|               |   | France South                               |
|               |   | Germany                                    |
|               |   | Germany North                              |
|               |   | Germany West Central                       |



| Hong Kong          |
|--------------------|
| East Asia          |
|                    |
| India              |
| Central India      |
| Jio India Central  |
| Jio India West     |
| South India        |
| West India         |
|                    |
| Ireland            |
| North Europe       |
|                    |
| Japan              |
| Japan East         |
| Japan West         |
|                    |
| Netherlands        |
| West Europe        |
|                    |
| Norway             |
| Norway East        |
| Norway West        |
|                    |
| Qatar              |
| Qatar Central      |
|                    |
| Singapore          |
| Southeast Asia     |
|                    |
| South Africa       |
| South Africa North |
|                    |



| South Africa West        |
|--------------------------|
| South Korea              |
| Korea Central            |
| Korea South              |
| Korea South 2            |
|                          |
| Sweden                   |
| Sweden Central           |
| Sweden South             |
|                          |
| Switzerland              |
| Switzerland North        |
| Switzerland West         |
|                          |
| United Arab Emirates     |
| UAE Central              |
| UAE North                |
|                          |
| United Kingdom           |
| UK South                 |
| UK West                  |
|                          |
| United States of America |
| Central US               |
| East US                  |
| East US 2                |
| North Central US         |
| South Central US         |
| West Central US          |
| West US                  |
| West US 2                |
| West US 3                |



|  | Azure Edge Sites  |
|--|---|
|  | Non-Azure datacenters for Microsoft<br>Online Services: |
|  | BJ1   |
|  | CYS01   |
|  | FOR01   |
|  | HEL01   |
|  | KUL01   |
|  | PUS01   |
|  | RIO01   |
|  | RIO20   |
|  | SCL01   |
|  | TYO21   |
|  | VIE   |



# Part 2e. PCI SSC Validated Products and Solutions (ROC Section 3.3)

Does the entity use any item identified on any PCI SSC Lists of Validated Products and Solutions\*?

🗌 Yes 🛛 No

Provide the following information regarding each item the entity uses from PCI SSC's Lists of Validated Products and Solutions:

| Name of PCI SSC-<br>validated Product or<br>Solution | Version of<br>Product or<br>Solution | PCI SSC Standard to<br>which Product or<br>Solution Was Validated | PCI SSC Listing<br>Reference<br>Number | Expiry Date of<br>Listing |
|--|--------------------------------------|---|--|---------------------------|
| Not Applicable                                       | Not<br>Applicable                    | Not Applicable  | Not Applicable                         | Not Applicable            |

\* For purposes of this document, "Lists of Validated Products and Solutions" means the lists of validated products, solutions, and/or components, appearing on the PCI SSC website (www.pcisecuritystandards.org) (for example, 3DS Software Development Kits, Approved PTS Devices, Validated Payment Software, Payment Applications (PA-DSS), Point to Point Encryption (P2PE) solutions, Software-Based PIN Entry on COTS (SPoC) solutions, and Contactless Payments on COTS (CPoC) solutions).



#### Part 2f. Third-Party Service Providers

#### (ROC Section 4.4)

For the services being validated, does the entity have relationships with one or more thirdparty service providers that:

|   |  | 1     |      |
|---|--|-------|------|
| • | Store, process, or transmit account data on the entity's behalf (for example, payment gateways, payment processors, payment service providers (PSPs, and off-site storage))  | 🗌 Yes | 🛛 No |
| • | Manage system components included in the entity's Assessment (for example, via network security control services, anti-malware services, security incident and event management (SIEM), contact and call centers, web-hosting companies, and IaaS, PaaS, SaaS, and FaaS cloud providers) | Yes   | 🛛 No |

• Could impact the security of the entity's CDE (for example, vendors providing support via remote access, and/or bespoke software developers).

#### If Yes:

| Name of Service Provider:         | Description of Services Provided: |
|-----------------------------------|-----------------------------------|
| 310 Humberline Drive LP           | Colocation Hosting Provider       |
| 60 VIA RENZO DRIVE LP             | Colocation Hosting Provider       |
| Advanced Wireless Network Company | Colocation Hosting Provider       |
| AirTrunk                          | Colocation Hosting Provider       |
| AlliedREIT                        | Colocation Hosting Provider       |
| Altus                             | Colocation Hosting Provider       |
| Angola Cables                     | Colocation Hosting Provider       |
| Ascenty                           | Colocation Hosting Provider       |
| Bezeq International               | Colocation Hosting Provider       |
| Bourzou Ventures, LLC             | Colocation Hosting Provider       |
| C1-San Antonio V LLC              | Colocation Hosting Provider       |
| Canadian Broadcasting Service     | Colocation Hosting Provider       |
| Canberra Data Centres             | Colocation Hosting Provider       |
| CenturyLink                       | Colocation Hosting Provider       |
| Chief Telecom                     | Colocation Hosting Provider       |
| Chungwa Telecom                   | Colocation Hosting Provider       |
| CloudHQ                           | Colocation Hosting Provider       |
| Cologix                           | Colocation Hosting Provider       |
| Colt Tech Svcs.                   | Colocation Hosting Provider       |
| CoreSite                          | Colocation Hosting Provider       |
| CyrusOne                          | Colocation Hosting Provider       |



| DATA4 FRANCE sas                                       | Colocation Hosting Provider |
|--|-----------------------------|
| DataBank   | Colocation Hosting Provider |
| DCI  | Colocation Hosting Provider |
| Digiplex   | Colocation Hosting Provider |
| Digital Greenfield BV                                  | Colocation Hosting Provider |
| Digital Loudoun 3, LLC                                 | Colocation Hosting Provider |
| Digital Realty   | Colocation Hosting Provider |
| DRFortress   | Colocation Hosting Provider |
| Dupont Fabros Technology (DFT)                         | Colocation Hosting Provider |
| East African Data Centers                              | Colocation Hosting Provider |
| EdgeConneX   | Colocation Hosting Provider |
| Emirates Integrated Telecommunications<br>Company PJSC | Colocation Hosting Provider |
| ePLDT  | Colocation Hosting Provider |
| Equinix  | Colocation Hosting Provider |
| e-shelter Amsterdam B.V.                               | Colocation Hosting Provider |
| e-Shelter Services GmbH                                | Colocation Hosting Provider |
| Etisalat   | Colocation Hosting Provider |
| Gain Channel Limited                                   | Colocation Hosting Provider |
| Global Access ComSpace                                 | Colocation Hosting Provider |
| Global Switch  | Colocation Hosting Provider |
| Green Mountain   | Colocation Hosting Provider |
| Gulf Data Hub FZCO                                     | Colocation Hosting Provider |
| iAdvantage Limited                                     | Colocation Hosting Provider |
| Interxion  | Colocation Hosting Provider |
| Inzai Development Godo Kaisha                          | Colocation Hosting Provider |
| IP Stream San Antonio LLC                              | Colocation Hosting Provider |
| Irideos  | Colocation Hosting Provider |
| Iron Mountain Data Centers, LLC.                       | Colocation Hosting Provider |
| K2 - ICAV  | Colocation Hosting Provider |
| Kaveh Ventures LLC (CloudHQ)                           | Colocation Hosting Provider |
| KDDI   | Colocation Hosting Provider |
| Keppel DC REIT   | Colocation Hosting Provider |



| Kievtextiles  | Colocation Hosting Provider |
|---|-----------------------------|
| Kinx  | Colocation Hosting Provider |
| KIO Networks  | Colocation Hosting Provider |
| Kona G.K. (SKYY Development)                                  | Colocation Hosting Provider |
| KT Corporation  | Colocation Hosting Provider |
| Lamda Hellix  | Colocation Hosting Provider |
| LG CNS Co. Ltd.   | Colocation Hosting Provider |
| LGU+  | Colocation Hosting Provider |
| Liquid Telecommunications South Africa<br>Proprietary Limited | Colocation Hosting Provider |
| Lumen   | Colocation Hosting Provider |
| Market Halsey Urban Renewal LLC                               | Colocation Hosting Provider |
| Markley Group   | Colocation Hosting Provider |
| MECP1 Mesa 1, LLC   | Colocation Hosting Provider |
| MEEZA QSTP LLC  | Colocation Hosting Provider |
| Mirait One  | Colocation Hosting Provider |
| Namex   | Colocation Hosting Provider |
| NextDC LTD  | Colocation Hosting Provider |
| NTT Communications  | Colocation Hosting Provider |
| NXData  | Colocation Hosting Provider |
| Nxtra Data Ltd  | Colocation Hosting Provider |
| ODATA Brasil S.A.   | Colocation Hosting Provider |
| Old Mill Trust  | Colocation Hosting Provider |
| OOREDOO Q.P.S.C.  | Colocation Hosting Provider |
| Prologis Realty XLII B.B.                                     | Colocation Hosting Provider |
| PT. Telekomunikasi Indonesia<br>International (Telin)         | Colocation Hosting Provider |
| Rack Center   | Colocation Hosting Provider |
| Reliance Industries Limited                                   | Colocation Hosting Provider |
| Reliance JIO  | Colocation Hosting Provider |
| Sabey Data Centers LLC  | Colocation Hosting Provider |
| SDC CHI I, LLC  | Colocation Hosting Provider |
| SI CHI01 ABS, LLC   | Colocation Hosting Provider |



| Singapore Telecommunications Limited          | Colocation Hosting Provider |
|---|-----------------------------|
| ST Telemedia                                  | Colocation Hosting Provider |
| STACK Infrastructure Switzerland SA           | Colocation Hosting Provider |
| Stack Infrastructure USA, LLC                 | Colocation Hosting Provider |
| STT DEFU 2 PTE. LTD                           | Colocation Hosting Provider |
| STT GDC India Private Limited                 | Colocation Hosting Provider |
| Switch  | Colocation Hosting Provider |
| Tata Communications Limited                   | Colocation Hosting Provider |
| Telecity                                      | Colocation Hosting Provider |
| Telecom Argentina                             | Colocation Hosting Provider |
| Telecom Egypt                                 | Colocation Hosting Provider |
| Telehouse                                     | Colocation Hosting Provider |
| Telekom Malaysia                              | Colocation Hosting Provider |
| Teraco  | Colocation Hosting Provider |
| Teraco Data Environments Pty Ltd.             | Colocation Hosting Provider |
| Tivit   | Colocation Hosting Provider |
| TRIARA.COM                                    | Colocation Hosting Provider |
| T-Systems                                     | Colocation Hosting Provider |
| TT Dotcom                                     | Colocation Hosting Provider |
| Urbacon DC Solution                           | Colocation Hosting Provider |
| Vantage Data Centers                          | Colocation Hosting Provider |
| VIETTEL                                       | Colocation Hosting Provider |
| VIRTUS  | Colocation Hosting Provider |
| Vocus   | Colocation Hosting Provider |
| Wana Corporate/Inwi Technopolis               | Colocation Hosting Provider |
| Westin: DRT                                   | Colocation Hosting Provider |
| Xeres Ventures, LLC                           | Colocation Hosting Provider |
| Note: Requirement 12.8 applies to all entitie | s in this list.             |
|   |                             |



# Part 2g. Summary of Assessment (ROC Section 1.8.1)

Indicate below all responses provided within each principal PCI DSS requirement.

| PCI DSS<br>Requirement | <b>Requirement Finding</b><br>More than one response may be selected for a given<br>requirement. Indicate all responses that apply. |                |            | Select If Below Method(s)<br>Was Used |                        |                          |
|------------------------|---|----------------|------------|---------------------------------------|------------------------|--------------------------|
| Requirement            | In Place  | Not Applicable | Not Tested | Not in<br>Place                       | Customized<br>Approach | Compensating<br>Controls |
| Requirement 1:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 2:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 3:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 4:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 5:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 6:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 7:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 8:         | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 9:         |   |                |            |                                       |                        |                          |
| Requirement 10:        | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 11:        | $\boxtimes$   |                |            |                                       |                        |                          |
| Requirement 12:        |   |                |            |                                       |                        |                          |
| Appendix A1:           | $\boxtimes$   |                |            |                                       |                        |                          |
| Appendix A2:           |   |                |            |                                       |                        |                          |



### Section 2 Report on Compliance

#### (ROC Sections 1.2 and 1.3.2)

| Date Assessment began:<br><i>Note:</i> This is the first date that evidence was gath   | 04/19/2022             |           |            |
|--|------------------------|-----------|------------|
| Date Assessment ended:<br><i>Note:</i> This is the last date that evidence was gath  | 02/23/2023             |           |            |
| Were any requirements in the ROC unable to be  | met due to a legal cor | nstraint? | 🗌 Yes 🖾 No |
| Were any testing activities performed remotely?<br>If yes, for each testing activity below, indicate whether remote assessment activities were<br>performed: |                        |           | 🛛 Yes 🗌 No |
| Examine documentation  | 🛛 Yes                  | 🗌 No      |            |
| Interview personnel  | 🛛 Yes                  | 🗌 No      | -          |
| Examine/observe live data  | 🛛 Yes                  | 🗌 No      | -          |
| Observe process being performed  | 🛛 Yes                  | 🗌 No      | -          |
| Observe physical environment   | 🛛 Yes                  | 🗌 No      |            |
| Interactive testing  | 🛛 Yes                  | 🗌 No      |            |
| Other: Not Applicable  | 🗌 Yes                  | 🗌 No      |            |



### **Section 3** Validation and Attestation Details

### Part 3. PCI DSS Validation (ROC Section 1.7)

This AOC is based on results noted in the ROC dated (Date of Report as noted in the ROC 03/07/2023).

Indicate below whether a full or partial PCI DSS assessment was completed:

- ☑ Full Assessment All requirements have been assessed and therefore no requirements were marked as Not Tested in the ROC.
- □ Partial Assessment One or more requirements have not been assessed and were therefore marked as Not Tested in the ROC. Any requirement not assessed is noted as Not Tested in Part 2g above.

Based on the results documented in the ROC noted above, each signatory identified in any of Parts 3b-3d, as applicable, assert(s) the following compliance status for the entity identified in Part 2 of this document (select one):

| <b>Compliant:</b> All sections of the PCI DSS ROC are complete, and all assessed requirements are marked as being either In Place or Not Applicable, resulting in an overall <b>COMPLIANT</b> rating; thereby <i>Microsoft Corporation – Microsoft Azure</i> has demonstrated compliance with all PCI DSS requirements except those noted as Not Tested above.  |                    |  |
|---|--------------------|--|
| <b>Non-Compliant:</b> Not all sections of the PCI DSS ROC are complete, or one or more requirements are marked as Not in Place, resulting in an overall <b>NON-COMPLIANT</b> rating; thereby <i>Not Applicable</i> has not demonstrated compliance with PCI DSS requirements.   |                    |  |
| Target Date for Complian  | ce: Not Applicable |  |
| An entity submitting this form with a Non-Compliant status may be required to complete the Action Plan in Part 4 of this document. Confirm with the entity to which this AOC will be submitted before completing Part 4.  |                    |  |
| <ul> <li>Compliant but with Legal exception: One or more assessed requirements in the ROC are marked as Not in Place due to a legal restriction that prevents the requirement from being met and all other assessed requirements are marked as being either In Place or Not Applicable, resulting in an overall COMPLIANT BUT WITH LEGAL EXCEPTION rating; thereby <i>Not Applicable</i> has demonstrated compliance with all PCI DSS requirements except those noted as Not Tested above or as Not in Place due to a legal restriction.</li> <li>This option requires additional review from the entity to which this AOC will be submitted.</li> <li><i>If selected, complete the following:</i></li> </ul> |                    |  |
| Affected Requirement Details of how legal constraint prevents requirement from being met  |                    |  |
| Not Applicable  | Not Applicable     |  |
| Not Applicable  | Not Applicable     |  |



#### Part 3a. Service Provider Acknowledgement

#### Signatory(s) confirms:

#### (Select all that apply)

| $\boxtimes$ | The ROC was completed according to <i>PCI DSS</i> , Version 4.0 and was completed according to the instructions therein.                          |
|-------------|---|
|             | All information within the above-referenced ROC and in this attestation fairly represents the results of the Assessment in all material respects. |
|             | PCI DSS controls will be maintained at all times, as applicable to the entity's environment.  |

#### Part 3b. Service Provider Attestation



| Signature of Service Provider Executive Officer $\checkmark$ | Date: Mar 7, 2023   |  |
|--|---|--|
| Service Provider Executive Officer Name: Darius Ryals        | Title: GM, Partner Promises and Azure<br>Chief Information Security Officer |  |

| Part 3c. Qualified Security Assessor (QSA) Acknowledgement                           |   |  |  |
|--|---|--|--|
| If a QSA was involved or assisted with this Assessment, indicate the role performed: | QSA performed testing procedures.   |  |  |
|  | <ul> <li>QSA provided other assistance.</li> <li>If selected, describe all role(s) performed: Not Applicable</li> </ul> |  |  |

Date: Mar 7, 2023

Signature of Lead QSA 🛧

Lead QSA Name: Morgan Sayre

Humberto Lepeda Humberto Zepeda (Mar 7, 2/3 0/35 PST)

| Signature of Duly Authorized Officer of QSA Company $\checkmark$ | Date: Mar 7, 2023                   |  |
|--|-------------------------------------|--|
| Duly Authorized Officer Name: Humberto Zepeda                    | QSA Company: Coalfire Systems, Inc. |  |

| Part 3d. PCI SSC Internal Security Assessor (ISA) Involvement                            |  |  |  |  |
|--|--|--|--|--|
| If an ISA(s) was involved or assisted with this Assessment, indicate the role performed: | □ ISA(s) performed testing procedures.   |  |  |  |
| Assessment, indicate the fole performed.   | <ul> <li>ISA(s) provided other assistance.</li> <li>If selected, describe all role(s) performed: Not Applicable</li> </ul> |  |  |  |



#### Part 4. Action Plan for Non-Compliant Requirements

Only complete Part 4 upon request of the entity to which this AOC will be submitted, and only if the Assessment has Non-Compliant results noted in Section 3.

If asked to complete this section, select the appropriate response for "Compliant to PCI DSS Requirements" for each requirement below. For any "No" responses, include the date the entity expects to be compliant with the requirement and provide a brief description of the actions being taken to meet the requirement.

| PCI DSS<br>Requirement Description of Requirement |   | Compliant to PCI<br>DSS Requirements<br>(Select One) |    | Remediation Date and<br>Actions<br>(If "NO" selected for any |
|---|---|--|----|--|
|   |   | YES  | NO | Requirement)   |
| 1   | Install and maintain network security controls  |  |    |  |
| 2   | Apply secure configurations to all system<br>components   |  |    |  |
| 3   | Protect stored account data   |  |    |  |
| 4   | Protect cardholder data with strong<br>cryptography during transmission over<br>open, public networks                 |  |    |  |
| 5   | Protect all systems and networks from malicious software  |  |    |  |
| 6   | Develop and maintain secure systems and software  |  |    |  |
| 7   | Restrict access to system components and cardholder data by business need to know                                     |  |    |  |
| 8   | Identify users and authenticate access to system components   |  |    |  |
| 9   | Restrict physical access to cardholder data   |  |    |  |
| 10  | Log and monitor all access to system<br>components and cardholder data  |  |    |  |
| 11  | Test security systems and networks regularly  |  |    |  |
| 12  | Support information security with organizational policies and programs  |  |    |  |
| Appendix A1                                       | Additional PCI DSS Requirements for Multi-<br>Tenant Service Providers  |  |    |  |
| Appendix A2                                       | Additional PCI DSS Requirements for<br>Entities using SSL/early TLS for Card-<br>Present POS POI Terminal Connections |  |    |  |

