

May 2025

PCI

Responsibilities

Introduction

NetApp Instaclustr has achieved PCI Compliance for specific Instaclustr services in specific configurations.

This document outlines the configurations that are covered by our PCI Compliance claims, an overview of our controls, and requirements for any customer wishing to run an Instaclustr cluster in PCI mode.

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PCI configurations

The following configurations are covered by our PCI scope:

- Apache Cassandra®, Apache Kafka®, OpenSearch®, Valkey®, Cadence®, and PostgreSQL® can be provisioned in a PCI Configuration.
 - Cadence PCI clusters must be provisioned and maintained with dedicated underlying services (Cassandra, Kafka, and OpenSearch) that are also PCI compliant.
- Only clusters in Amazon Web Services (AWS) and Google Cloud Platform (GCP) are supported at this time.
- Both Run In Instaclustr Account (RIIA) and Run In Your Own Account (RIYOA) are within Instaclustr's PCI boundary.
- PCI clusters are restricted to TLS 1.2.
- NetApp's PCI accreditation for the Instaclustr platform covers Instaclustr services only and requires that our customers implement certain measures as detailed in the PCI Responsibilities Matrix.

Account definitions

Cluster user

These are considered service accounts intended for use by automated processes and applications. It is not intended for interactive login by users. Customers are responsible for ensuring these accounts have specific permissions tailored to the needs of the services they support.

NetApp Instaclustr creates a default cluster user for each cluster. Although cluster users can possess various permission levels, the default user essentially functions as a super user, with the ability to perform all application-specific operations.

Instaclustr account

This refers to the console account that maintains ownership over clusters and various other settings, such as billing.

Instaclustr user

This term describes an individual who can log into the console and may have access to any number of accounts, from none.

Provider account

The account that we provision into in the cloud provider's system.

Service users

Service Users are a type of user specifically designed for system access to Instaclustr APIs and the Terraform Provider.

Core customer responsibilities

- Customers must have PCI compliant account settings enabled and have the PCI add-on enabled for each applicable cluster.
- Customers must ensure Primary Account Numbers (PAN) are encrypted before submission to the NetApp Instaclustr service.
- Customers must not provide PAN data to NetApp Instaclustr via any method other than direct submission to a cluster.
- Customers must accept maintenance windows required to apply patches and other fixes within mandated timeframes. Wherever possible, these patches will be applied without service downtime.
- Customers are responsible for configuring firewall rules in the Instaclustr console, ensuring clusters are accessible only from pre-identified, controlled IP ranges.
- Firewall rules must exclusively be configured through the Instaclustr console.

PCI responsibilities matrix

Run In Instaclustr Account (RIIA)

The following matrix provides an overview of activities undertaken by NetApp and identifies requirements that our customers must fulfill to ensure full PCI compliance of selected Instaclustr Services. It supports our customers in their own PCI compliance activities.

PCI section	Requirement	NetApp	Customer
1	Install and maintain network security controls	<ul style="list-style-type: none">• Design, document, and implement firewall configuration for Instaclustr management network• Design, document, and implement firewall configurations for customer cluster• Monitor firewall rules for conformance with design• Maintain network diagrams for Instaclustr management networks• Maintain templates for customer clusters• Ensure that management connections do not allow access from wireless and untrusted networks and the Internet• Ensure that no mobile devices can access the Instaclustr production environment	<ul style="list-style-type: none">• Provision application in AWS or GCP• Design, document, and implement firewall configurations for application (including firewall rules in the Instaclustr console) (PCI 1.1.2)• Create and maintain a DMZ between Instaclustr cluster and untrusted and wireless networks (PCI 1.3.1, 1.3.2)• Ensure that Firewall rules do not allow direct public access from the internet. (PCI 1.4.1)• Ensure that personal firewalls are installed in accordance with PCI 1.5.1• Maintain all documentation related to firewall rule decisions
2	Apply secure configurations to all system components	<ul style="list-style-type: none">• Ensure that default passwords are not used in the Instaclustr network• Design and implement hardening standards throughout the Instaclustr network• Implement VPN and SSH for all communications to the Instaclustr production networks	<ul style="list-style-type: none">• Ensure that default passwords are not used in the customer network (PCI 2.2.2)

PCI section	Requirement	NetApp	Customer
3	Protect stored cardholder data	<ul style="list-style-type: none"> NetApp does not make any claims with respect to this PCI section 	<ul style="list-style-type: none"> Ensure that all PANs are encrypted prior to being stored or processed by an Instacluster service Ensure that PAN is only submitted directly to a cluster. Specifically, customers will not email or submit to the Instacluster support portal. Ensure that all aspects of this family are addressed within the context of the above requirements (PCI 3) <p>For Kafka Customers using Karapace Schema Registry (that is also used by the Cassandra Debezium connector):</p> <ul style="list-style-type: none"> Please note that the PCI certification for Karapace Schema Registry covers metadata only, therefore no sensitive data should be included in the schema. <p>For Customers with PostgreSQL PCI:</p> <ul style="list-style-type: none"> Instacluster offers PgCrypto as part of the PostgreSQL service but it is not intended to and does not meet PCI DSS requirement 3. Customers must encrypt PANs before sending them to Instacluster service, regardless of the use of PgCrypto.

PCI section	Requirement	NetApp	Customer
4	Protect cardholder data with strong cryptography during transmission over open, public networks	<ul style="list-style-type: none"> • NetApp does not have access to Cardholder data (CHD) in an unencrypted format • NetApp has implemented data spill procedures for the case that CHD is unintentionally provided in an unencrypted format 	<ul style="list-style-type: none"> • Ensure that all PANs are encrypted prior to being stored or processed by an Instacluster service • Ensure that PAN is only submitted directly to a cluster. Specifically, customers will not email or submit PAN to the Instacluster support portal • Ensure that all aspects of this family are addressed within the context of the above requirements (PCI 4)
5	Protect all systems and networks from malicious software	<ul style="list-style-type: none"> • NetApp implemented appropriate antimalware measures for the Instacluster environment 	<ul style="list-style-type: none"> • No actions required for Instacluster clusters

PCI section	Requirement	NetApp	Customer
6	Develop and maintain secure systems and software	<ul style="list-style-type: none"> • NetApp maintains a documented responsibility matrix for assigned roles and responsibilities. Assigned individuals have a comprehensive understanding of their roles and responsibilities. • NetApp has integrated finding and addressing vulnerabilities into our build and release process • The Instacluster release process does not move software from the preproduction environment into the production environment. • NetApp reviews all custom code for security vulnerabilities • NetApp has implemented change control measures to meet PCI 6.5.1 • NetApp trains developers in secure coding techniques and develops applications based on security coding guidelines • NetApp has implemented appropriate defenses for our customer console • NetApp has implemented appropriate security policies and operational procedures 	<ul style="list-style-type: none"> • As per 6.1.2, customers are responsible for ensuring documentation and assigning roles and responsibilities. Roles and responsibilities must be understood by the assigned personnel. • Customers must ensure that their cluster and schema designs do not allow development, test, and/or custom application accounts, user IDs, and passwords to be used in their production environment (PCI 6.5.6) • Customers must ensure that live PANs are not used in clusters designated for testing or development (PCI 6.5.5)
7	Restrict access to cardholder data by business need to know	<ul style="list-style-type: none"> • NetApp has implemented access control procedures for Instacluster access to customer and management environments • NetApp provides a single cluster administrator user via the Console, with permissions to create and manage users within the customer environment 	<ul style="list-style-type: none"> • Customers must design an appropriate Instacluster account and role scheme to limit access to their clusters to only those individuals whose job requires such access • Customers are responsible for managing users that are granted management access to clusters through the Instacluster console

PCI section	Requirement	NetApp	Customer
8	Identify users and authenticate access to system components	<ul style="list-style-type: none"> NetApp has implemented access control procedures for Instaclustr access to customer and management environments. <p>Users in the Instaclustr console and support portal:</p> <ul style="list-style-type: none"> NetApp has implemented access control systems for Instaclustr access to customer and management environments that are compliant with PCI section 8 <p>For customer accounts:</p> <ul style="list-style-type: none"> Instaclustr accounts using the default authentication method (Instaclustr provided) are compliant with PCI section 8. If using Single Sign On (SSO), it is the customer's responsibility to ensure their SSO-enabled Instaclustr users are in compliance with this section. When a customer opts to enable SSO on their account: <ul style="list-style-type: none"> Owner users are compliant with PCI section 8 It's the customer's responsibility to ensure that "non-owner" users comply with PCI sect. 8 If OpenSearch Dashboards are enabled on a customer's OpenSearch cluster, then OpenSearch Dashboards user authentication/ authorization is enforced via the customer's OpenID Connect compliant 3rd party identity provider. 	<ul style="list-style-type: none"> Customers must design an appropriate account and role scheme to limit access to their clusters to only those individuals whose job requires such access <p>Accounts in the Instaclustr console and support portal:</p> <ul style="list-style-type: none"> If a customer chooses to enable SSO user authentication through a custom Identity Provider for their Instaclustr account, they are then responsible for implementing the following requirements in their IdP: <ul style="list-style-type: none"> 8.2.5 Immediately revoke access for any terminated users 8.2.6 Remove/disable inactive user accounts within 90 days 8.3.4 Limit repeated access attempts by locking out the user ID after not more than 6 attempts. Set the lockout duration to a minimum of 30 minutes or until an administrator enables the user ID. 8.3.3 Verify user identity before modifying any authentication credential 8.3.6 Passwords must require a minimum length of at least 12 characters and contain both numeric and alphabetic characters 8.3.9 Change user passwords/ passphrases at least every 90 days

PCI section	Requirement	NetApp	Customer
8 (continued)		<p>Users in Instacluster clusters:</p> <ul style="list-style-type: none"> As cluster users are considered service accounts, NetApp Instacluster has not implemented technical controls to meet PCI requirements 8.2, 8.3, 8.4 and 8.5. 	<ul style="list-style-type: none"> 8.3.7 Do not allow an individual to submit a new password/phrase that is the same as any of the last 4 passwords/phrases he or she has used. 8.4.1 Secure all individual non-console administrative access and all remote access to the CDE using multi-factor authentication If a customer chooses to link their Instacluster account with users using unmanaged SSO Instacluster users, then they are responsible for the following requirements on each user's IdP: 8.3.4, 8.3.3, 8.3.6, 8.3.9, 8.3.7, 8.4. Customers should check whether the proposed IdP can meet these requirements before allowing non-managed IdPs to provide authentication services. <p>Users in Instacluster clusters:</p> <ul style="list-style-type: none"> Customers should ensure their use of cluster users meet all the requirements detailed under 8.6 Customers must implement appropriate procedures to manage service users

PCI section	Requirement	NetApp	Customer
8 (continued)			<ul style="list-style-type: none"> • If OpenSearch Dashboards is enabled on a customer OpenSearch cluster, the following PCI requirements must be met by the customer via their OpenID Connect compliant 3rd party identity provider: <ul style="list-style-type: none"> • 8.2.5 Immediately revoke access for any terminated users • 8.2.6 Remove/disable inactive user accounts within 90 days • 8.3.4 Limit repeated access attempts by locking out the user ID after not more than 6 attempts • 8.3.4 Set the lockout duration to a minimum of 30 minutes or until an administrator enables the user ID • 8.3.3 Verify user identity before modifying any authentication credential • 8.3.6 Passwords must require a minimum length of at least 12 characters and contain both numeric and alphabetic characters • 8.3.9 Change user passwords/passphrases at least every 90 days • 8.3.7 Do not allow an individual to submit a new password/phrase that is the same as any of the last 4 passwords/phrases he or she has used

PCI section	Requirement	NetApp	Customer
8 (continued)			<ul style="list-style-type: none"> • 8.4.1 Secure all individual non-console administrative access and all remote access to the CDE using multi-factor authentication • Under 8.4.2 and 8.5.1, customer who use their own IdP solutions as per of implementing SSO to the Instacluster console, need to ensure that their Idp solutions meet the new MFA requirements. <p>For Customers with Cadence PCI:</p> <p>The Cadence Web application does not support authentication and authorization.</p> <p>Within PCI-compliant clusters, the Cadence Web application is only accessible from a customer's private network.</p> <p>Instacluster users are not able or permitted to access the Web application. It is the customer's responsibility to manage access to Cadence Web using network layer controls.</p>

PCI section	Requirement	NetApp	Customer
9	Restrict physical access to cardholder data	<ul style="list-style-type: none"> As a cloud-based service, Instacluster requires all Primary Account Numbers (PANs) to be encrypted before they are processed or stored in a cluster. Most requirements are therefore met by AWS or GCP for physical protection of encrypted PAN, or the customer for their own environments NetApp has implemented compliance visitor processes for offices that usually host technical operations staff 	<ul style="list-style-type: none"> Customers should review all of Section 9 with respect to access to PAN using AWS or GCP PCI ROCs as an input
10	Log and monitor all access to system components and cardholder data	<ul style="list-style-type: none"> NetApp has implemented logging for Instacluster administrator actions 	<ul style="list-style-type: none"> Customers must implement logging in their application to track their access to their cluster (PCI 10.2.1)
11	Test security of systems and networks regularly	<ul style="list-style-type: none"> NetApp performs appropriate internal, external, and ASV scans of Instacluster management infrastructure and customer environments NetApp engages with independent penetration testers who conduct testing in line with industry accepted standards Vulnerabilities are managed as part of our development and release process, regardless of how Instacluster becomes aware of them All Instacluster customer environments are implemented in separate VPCs, distinct from the management environment VPC, thus ensuring appropriate segmentation. This holds true for all platforms, including AWS and GCP 	<ul style="list-style-type: none"> No action required for Instacluster clusters

PCI section	Requirement	NetApp	Customer
11 (continued)		<ul style="list-style-type: none"> • NetApp uses intrusion detection systems and process whitelisting to ensure that the Technical Operations team is alerted to potential compromises • NetApp has deployed a change detection system across critical files • NetApp has implemented a process to deal with alerts from monitoring systems 	
12	Support information security with organizational policies and programs	<ul style="list-style-type: none"> • NetApp has established and published a <u>NetApp Services Specific Terms</u> and <u>NetApp Information Security Addendum</u>. NetApp Instacluster Specific Terms and NetApp Addendum are maintained and disseminated. • NetApp has implemented a risk management process • NetApp has developed acceptable usage policies • NetApp has a formal security training program • NetApp implemented a process to manage service providers with potential access to encrypted PAN • NetApp has implemented an IR plan with respect to potential PAN data spills 	<ul style="list-style-type: none"> • Customers should email <u>support@instacluster.com</u> to report any suspected security breach

PCI responsibilities matrix

Run In Your Own Account (RIYOA)

PCI section	Requirement	NetApp	Customer
1	Install and maintain network security controls	<ul style="list-style-type: none">• Design, document, and implement firewall configuration for Instacluster management network• Design, document, and implement firewall configurations for customer cluster• Monitor firewall rules for conformance with design• Maintain network diagrams for Instacluster management networks• Maintain template diagrams for customer clusters• Ensure that management connections do not allow access from wireless and untrusted networks and the Internet• Ensure that no mobile devices can access the Instacluster production environment	<ul style="list-style-type: none">• Customers must not make any changes to security groups directly. All changes must be made using the Instacluster console• Provision application in AWS or GCP• Design, document, and implement firewall configurations for application (including firewall rules in the Instacluster console) (PCI 1.1.2)• Create and maintain a DMZ between Instacluster cluster, and untrusted and wireless networks (PCI 1.3.1,1.3.2)• Ensure that firewall rules do not allow direct public access from the internet (PCI 1.4.1)• Ensure that personal firewalls are installed in accordance with PCI 1.5.1• Maintain all documentation related to firewall rule decisions
2	Apply secure configurations to all system components	<ul style="list-style-type: none">• Ensure that default passwords are not used in the Instacluster network• Design and implement hardening standards throughout the Instacluster network• Implement VPN and SSH for all communications to the Instacluster production networks	<ul style="list-style-type: none">• Ensure that default passwords are not used in the customer network (PCI 2.2.2)• Ensure that accounts in your cloud account are compliant with PCI section 2

PCI section	Requirement	NetApp	Customer
3	Protect stored cardholder data	<ul style="list-style-type: none"> NetApp does not make any claims with respect to this PCI family 	<ul style="list-style-type: none"> Ensure that all Primary Account Numbers (PANs) are encrypted prior to being stored or processed by an Instacluster service Ensure that PAN is only submitted directly to a cluster. Specifically, customers will not email or submit CHD to the Instacluster support portal Ensure that all aspects of this family are addressed within the context of the above requirements (PCI 3) <p>For Kafka customers using Karapace Schema Registry (that is also used by the Cassandra Debezium connector):</p> <ul style="list-style-type: none"> Please note that the PCI certification for Karapace Schema Registry covers metadata only, therefore no sensitive data should be included in the schema.
4	Protect cardholder data with strong cryptography during transmission over open, public networks	<ul style="list-style-type: none"> NetApp does not have access to PAN in an unencrypted format NetApp has implemented data spill procedures for the case that PAN is unintentionally provided in an unencrypted format 	<ul style="list-style-type: none"> Ensure that all PANs are encrypted prior to being stored or processed by an Instacluster service Ensure that PAN is only submitted directly to a cluster. Specifically, customers will not email or submit PAN to the Instacluster support portal Ensure that all aspects of this family are addressed within the context of the above requirements (PCI 4)

PCI section	Requirement	NetApp	Customer
5	Protect all systems and networks from malicious software	<ul style="list-style-type: none"> NetApp implemented appropriate antimalware measures for the Instacluster environment 	<ul style="list-style-type: none"> No actions required for Instacluster clusters
6	Develop and maintain secure systems and software	<ul style="list-style-type: none"> NetApp maintains a documented responsibility matrix for assigned roles and responsibilities. Assigned individuals have a comprehensive understanding of their roles and responsibilities. (6.1.2) NetApp has integrated finding and addressing vulnerabilities into our build and release process for Instacluster The Instacluster release process does not move software from the preproduction environment into the production environment NetApp reviews all custom code for security vulnerabilities NetApp has implemented change control measures to meet PCI 6.5.1 NetApp trains developers in secure coding techniques and develops applications based on security coding guidelines NetApp has implemented appropriate defenses for our customer console NetApp has implemented appropriate security policies and operational procedures 	<ul style="list-style-type: none"> As per 6.1.2, customers are responsible for ensuring documentation and assigning roles and responsibilities. Roles and responsibilities must be understood by the assigned personnel. Customers must ensure that their cluster and schema designs do not allow development, test, and/or custom application accounts, user IDs, and passwords to be used in their production environment (PCI 6.5.6) Customers must ensure that live PANs are not used in clusters designated for testing or development (PCI 6.5.5)

PCI section	Requirement	NetApp	Customer
7	Restrict access to cardholder data by business need to know	<ul style="list-style-type: none"> NetApp has implemented access control procedures for NetApp access to customer and management environments NetApp provides a single cluster administrator account via the console, with permissions to create and manage users within the customer environment 	<ul style="list-style-type: none"> Customers must design an appropriate account and role scheme to limit access to their clusters and cloud accounts to only those individuals whose job requires such access Customers are responsible for managing users that are granted management access to clusters through the Instacluster console
8	Identify users and authenticate access to system components	<ul style="list-style-type: none"> NetApp has implemented access control procedures for Instacluster access to customer and management environments. <p>Users in the Instacluster console and support portal:</p> <ul style="list-style-type: none"> NetApp has implemented access control systems for Instacluster access to customer and management environments that are compliant with PCI section 8 <p>For customer accounts:</p> <ul style="list-style-type: none"> Instacluster accounts using the default authentication method (Instacluster provided) are compliant with PCI section 8. It is the customer's responsibility if using Single Sign On (SSO) to ensure their SSO-enabled Instacluster users are in compliance with this section. 8.3.10.1, 8.4.2 NetApp enforces MFA and rotation of the password once every 90 days. When a customer opts to enable SSO on their account: <ul style="list-style-type: none"> "Owner" users comply with PCI section 8 	<ul style="list-style-type: none"> Customers must design an appropriate account and role scheme to limit access to their clusters to only those individuals whose job requires such access <p>Customer cloud provider accounts:</p> <ul style="list-style-type: none"> Customers must design and implement appropriate identification and authentication controls in their provider accounts Customers must not add new instances or services into their cluster VPC <p>Accounts in the Instacluster console and support portal:</p> <ul style="list-style-type: none"> If a customer chooses to enable SSO on their account, they are then responsible for implementing the following requirements in their IdP: <ul style="list-style-type: none"> 8.2.5 Immediately revoke access for any terminated users 8.2.6 Remove/disable inactive user accounts within 90 days 8.3.4 Limit repeated access attempts by locking out the user ID after not more than 6 attempts

PCI section	Requirement	NetApp	Customer
8 (continued)		<ul style="list-style-type: none"> It's the customer's responsibility to ensure that "non-owner" users comply with PCI sect. 8 If a customer decides to link their Instacluster account with users using unmanaged Single Sign-On (SSO) user accounts, they assume responsibility for ensuring the following requirements on each user's Identity Provider (IdP): 8.3.4, 8.3.3, 8.3.6, 8.3.9, 8.3.7, 8.4.1. Prior to permitting non-managed IdPs to provide authentication services, customers should verify whether the proposed IdP can fulfill these requirements <p>Users in Instacluster clusters:</p> <p>As cluster users are considered service accounts, NetApp Instacluster has not implemented technical controls to meet PCI requirements 8.2, 8.3, 8.4 and 8.5</p>	<ul style="list-style-type: none"> 8.3.4 Set the lockout duration to a minimum of 30 minutes or until an administrator enables the user ID 8.3.3 Verify user identity before modifying any authentication credential 8.3.6 Passwords must require a minimum length of at least 12 characters and contain both numeric and alphabetic characters 8.3.9 Change user passwords/passphrases at least every 90 days 8.3.7 Do not allow an individual to submit a new password/phrase that is the same as any of the last 4 passwords / phrases he/she has used 8.4.1 Secure all individual non-console administrative access and all remote access to the CDE using multi-factor authentication. <p>Users in Instacluster clusters:</p> <ul style="list-style-type: none"> Customer should ensure their use of cluster users meet all the requirements detailed under 8.6. Customers must implement appropriate procedures to manage service users

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8 (continued)			<ul style="list-style-type: none"> • If OpenSearch Dashboards is enabled on a customer OpenSearch cluster, the following PCI requirements must be met by the customer via their OpenID Connect compliant 3rd party identity provider: <ul style="list-style-type: none"> • 8.2.5 Immediately revoke access for any terminated users • 8.2.6 Remove/disable inactive user accounts within 90 days • 8.3.4 Limit repeated access attempts by locking out the user ID after not more than 6 attempts • 8.3.4 Set the lockout duration to a minimum of 30 minutes or until an administrator enables the user ID • 8.3.3 Verify user identity before modifying any authentication credential • 8.3.6 Passwords must require a minimum length of at least 7 characters and contain both numeric and alphabetic characters • 8.3.9 Change user passwords/passphrases at least every 90 days • 8.3.7 Do not allow an individual to submit a new password/phrase that is the same as any of the last 4 passwords/phrases he or she has used

PCI section	Requirement	NetApp	Customer
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9	Restrict physical access to cardholder data	<ul style="list-style-type: none"> As a cloud-based service, NetApp requires all PANs to be encrypted before they are processed or stored in a cluster. Most requirements are therefore met by AWS or GCP for physical protection of encrypted PAN, or the customer for their own environments. NetApp has implemented compliance visitor processes for offices that usually host Technical Operations staff 	<ul style="list-style-type: none"> Customers should review all of Section 9 with respect to access to PAN using AWS or GCP PCI ROCs as an input

PCI section	Requirement	NetApp	Customer
10	Log and monitor all access to system components and cardholder data	<ul style="list-style-type: none"> NetApp has implemented logging for Instacluster administrator actions 	<ul style="list-style-type: none"> Customers must implement logging in their application to track their access to their cluster (PCI 10.2.1)
11	Test security of systems and networks regularly	<ul style="list-style-type: none"> NetApp performs appropriate internal, external, and ASV scans of Instacluster management infrastructure and customer environments NetApp engages with independent penetration testers who conduct testing in line with industry accepted standards Vulnerabilities are managed as part of our development and release process regardless of how NetApp becomes aware of them All Instacluster customer environments are implemented in separate Virtual Private Clouds (VPCs), distinct from the management environment VPC, thus ensuring appropriate segmentation. This holds true for all platforms, including AWS and GCP NetApp uses Intrusion detection systems and process whitelisting to ensure that the Technical Operations team is alerted to potential compromises NetApp has deployed a change detection system across critical files NetApp has implemented a process to deal with alerts from monitoring systems 	<ul style="list-style-type: none"> No actions required for Instacluster clusters

PCI section	Requirement	NetApp	Customer
12	Support information security with organizational policies and programs	<ul style="list-style-type: none"> NetApp has established and published a <u>NetApp Instaclustr Services Specific Terms</u> and <u>NetApp Information Security Addendum</u>. The NetApp Instaclustr Specific Terms and NetApp Information Security Addendum are maintained and disseminated NetApp has implemented a risk management process NetApp has developed acceptable usage policies NetApp has a formal security training program NetApp implemented a process to manage service providers with potential access to encrypted PAN NetApp has implemented an IR plan with respect to potential PAN data spills 	<ul style="list-style-type: none"> Customers should email <u>support@instaclustr.com</u> to report any suspected security breach Customers must design and implement appropriate security controls for their cloud account

NetApp® Instaclustr specializes in open source technologies for enterprises. Our managed platform streamlines data infrastructure management, backed by experts who ensure ongoing performance, scalability, and optimization. This enables companies to focus on building cutting edge applications at lower costs.