



Manage authentication using KMIP servers

AFF and FAS Controller Upgrade

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With ONTAP 9.5 and later, you can use Key Management Interoperability Protocol (KMIP) servers to manage authentication keys.

Steps

1. Add a new controller:

```
security key-manager setup -node <new_controller_name>
```

2. Add the key manager:

```
security key-manager -add <key_management_server_ip_address>
```

3. Verify that the key management servers are configured and available to all nodes in the cluster:

```
security key-manager show -status
```

4. Restore the authentication keys from all linked key management servers to the new node:

```
security key-manager restore -node <new_controller_name>
```

5. Rekey all self-encrypting disks with the new authentication key:

```
storage encryption disk modify -disk * [-data-key-id nonMSID AK]
```

6. If you use the Federal Information Processing Standard (FIPS), rekey all self-encrypting disks with the new authentication key:

```
storage encryption disk* modify -disk * [-fips-key-id nonMSID AK]
```

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