



snaplock compliance-clock commands

Command reference

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snaplock compliance-clock commands

snaplock compliance-clock initialize

Initializes the node ComplianceClock

Availability: This command is available to *cluster* administrators at the *admin* privilege level.

Description

`snaplock compliance-clock initialize` command is used to initialize System ComplianceClock from the system clock. User should ensure that the system clock is correct before initializing the System ComplianceClock. System ComplianceClock can be initialized multiple times as long as all nodes in the cluster are healthy, all volumes are in online state, no volumes are present in the volume recovery queue and there are no SnapLock volumes or volumes with "snapshot-locking-enabled" parameter set to true or S3 buckets with object locking enabled.

Parameters

-node {<nodename>|local} - Node

Specifies the name of the node on which System ComplianceClock needs to be initialized.

[-force <true>] - Forces Initialization

If you use this parameter, it will suppress the warning message during `snaplock compliance-clock initialize` operation.

Examples

```
cluster-1::> snaplock compliance-clock initialize -node node1
```

```
Warning: You are about to initialize the secure ComplianceClock of the
node
```

```
node1 to the current value of the node's system clock. This
procedure can be performed only once on a given node, so you
should
```

```
ensure that the system time is set correctly before proceeding.
```

```
The current node's system clock is: Wed Nov 26 16:18:30 IST 2014
```

```
Do you want to continue? {y|n}: y
```

```
cluster-1::>
```

snaplock compliance-clock show

Displays the node ComplianceClock

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The ``snaplock compliance-clock show`` command will display System ComplianceClock of the nodes in the cluster. It will display the following information:

- Node name
- ComplianceClock Time

Parameters

{ [-fields <fieldname>,...]

If you specify the `-fields <fieldname>, ...` parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-node {<nodename>|local}] - Node

If this parameter is specified, the command will display ComplianceClock for that particular node only.

[-time <text>] - ComplianceClock Time of the Node

If this parameter is specified, the command will display nodes having the same `-time` value.

Examples

```
cluster1::> snaplock compliance-clock show
Node                               ComplianceClock Time
-----
node1                             Mon Jan 12 11:34:15 IST 2015 +05:30
node2                             Mon Jan 12 11:34:10 IST 2015 +05:30
2 entries were displayed.
```

```
cluster1::> snaplock compliance-clock show -node node1
Node                               ComplianceClock Time
-----
node1                             Mon Jan 12 11:34:45 IST 2015 +05:30
```

snaplock compliance-clock ntp modify

Modify SnapLock ComplianceClock synchronization setting

Availability: This command is available to *cluster* administrators at the *advanced* privilege level.

Description

The `snaplock compliance-clock ntp modify` command modifies the option to enable or disable the SnapLock ComplianceClock synchronization with the system time. The ComplianceClock is synchronized only when an NTP server has been configured so that the system time follows the NTP time and the skew between the ComplianceClock time and the system time is greater than 1 day.

Parameters

`[-is-sync-enabled {true|false}]` - Enable ComplianceClock sync to NTP system time (privilege: advanced)

Specifies whether synchronization should be enabled or not. This is a cluster wide option.

Examples

```
cluster1::> snaplock compliance-clock ntp modify -is-sync-enabled true
```

snaplock compliance-clock ntp show

Display SnapLock ComplianceClock synchronization setting

Availability: This command is available to *cluster* administrators at the *advanced* privilege level.

Description

The ``snaplock compliance-clock ntp show`` command will display ComplianceClock synchronization setting. It will display the following information:

- `is-sync-enabled` - Displays if the option to synchronize the ComplianceClock with system time has been enabled or not.

Examples

```
cluster1::> snaplock compliance-clock ntp show
Enable clock sync to NTP system time: true
```

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