



## **cluster date commands**

### Command reference

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# cluster date commands

## cluster date modify

Modify the current date and time for the nodes in the cluster

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

### Description

The `cluster date modify` command sets the time zone, date, and time on every node in the cluster.

### Parameters

**`[-timezone <Area/Location Timezone>]` - Time Zone**

This parameter sets the timezone, specified in the Olson format.

**`{ [-date {MM/DD/YYYY HH:MM:SS [{+|-}hh:mm]}]}` - Date and Time**

This parameter sets the date and time, in the format MM/DD/YYYY HH:MM:SS.

**`| [-dateandtime <[[[[cc]yy]mm]dd]hhmm[.ss]]>]` - Date and Time**

This parameter sets the date and time information, in the format `[[[[cc]yy]mm]dd]hhmm[.ss]]`. The argument for setting the date and time is interpreted as follows:

- cc First 2 digits of the year (e.g., 20 for 2011).
- yy Last 2 digits of year (e.g., 10 for 2010).
- mm Numeric month, a number from 01 to 12.
- dd Day, a number from 01 to 31.
- hh Hour, a number from 00 to 23.
- mm Minute, a number from 00 to 59.
- ss Second, a number from 00 to 59.

If the first two digits of the year are omitted, and the last two digits are greater than 68, a date in the 1900s is used. Otherwise, a date in the 2000s is used. If all four digits of the year are omitted, the default is the current year. If the month or day is omitted, the default is the current month or day, respectively. If the seconds are omitted, the default is set to 00. The system automatically handles the time changes for Daylight Saving and Standard time, and for leap seconds and years.

**`| [-u, -utcdateandtime <[[[[cc]yy]mm]dd]hhmm[.ss]]>]` - UTC Date and Time }**

This parameter sets the date and time information in Coordinated Universal Time (UTC), in the format `[[[[cc]yy]mm]dd]hhmm[.ss]]`. `-u` is an alias for `-utcdateandtime`. The argument for setting the date and time is interpreted as follows:

- cc First 2 digits of the year (e.g., 20 for 2011).
- yy Last 2 digits of year (e.g., 10 for 2010).
- mm Numeric month, a number from 01 to 12.
- dd Day, a number from 01 to 31.

- hh Hour, a number from 00 to 23.
- mm Minute, a number from 00 to 59.
- ss Second, a number from 00 to 59.

If the first two digits of the year are omitted, and the last two digits are greater than 68, a date in the 1900s is used. Otherwise, a date in the 2000s is used. If all four digits of the year are omitted, the default is the current year. If the month or day is omitted, the default is the current month or day, respectively. If the seconds are omitted, the default is set to 00. Time changes for Daylight Saving and Standard time, and for leap seconds and years, are handled automatically.

## Examples

The following example sets the date and time to January 1 2011, at 1:00 a.m.:

```
cluster1::> cluster date modify -date "01/01/2011 01:00:00"
```

The following example sets the date and time in the UTC format to May 22, 2011, at 09:25:00 a.m.:

```
cluster1::> cluster date modify -u 201105220925.00.
```

## cluster date show

Display the current date and time for the nodes in the cluster

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

## Description

The `cluster date show` command displays the time zone, date, and time settings for one or more nodes in the cluster. By default, the command displays date and time settings for all nodes in the cluster.

## 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.

**| [-utc ]**

Displays date and time information in Coordinated Universal Time (UTC).

**| [-utcdate ]**

Displays date and time information in UTC.

**| [-instance ] }**

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

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

Selects the nodes that match this parameter value.

**[-timezone <Area/Location Timezone>] - Time Zone**

Selects the nodes that match this parameter value (specified in the Olson format).

**[-date {MM/DD/YYYY HH:MM:SS [{+|-}hh:mm]}] - Date and Time**

Selects the nodes that match this parameter value.

**[-utc-date <MM/DD/YYYY HH:MM:SS>] - UTC Date and Time**

Selects the nodes that match this parameter value.

**[-dateandtime <[[[[[cc]yy]mm]dd]hhmm[.ss]]>] - Date and Time**

Selects the nodes that match this parameter value (interpreted as follows):

- cc First 2 digits of the year (e.g., 20 for 2011).
- yy Last 2 digits of year (e.g., 11 for 2011).
- mm Numeric month, a number from 01 to 12.
- dd Day, a number from 01 to 31.
- hh Hour, a number from 00 to 23.
- mm Minute, a number from 00 to 59.
- ss Second, a number from 00 to 59.

**[-u, -utcdatetime <[[[[[cc]yy]mm]dd]hhmm[.ss]]>] - UTC Date and Time**

-u is used as an alias for -utcdatetime. Selects the nodes that match this parameter value (interpreted as follows):

- cc First 2 digits of the year (e.g., 20 for 2011).
- yy Last 2 digits of year (e.g., 11 for 2011).
- mm Numeric month, a number from 01 to 12.
- dd Day, a number from 01 to 31.
- hh Hour, a number from 00 to 23.
- mm Minute, a number from 00 to 59.
- ss Second, a number from 00 to 59.

## Examples

The following example displays the date and time settings for all nodes in the cluster:

```
cluster1::> cluster date show
Node          Date          Timezone
-----
node0         10/06/2011 09:35:15 America/New_York
node1         10/06/2011 09:35:15 America/New_York
node2         10/06/2011 09:35:15 America/New_York
node3         10/06/2011 09:35:15 America/New_York
4 entries were displayed.
```

## cluster date zoneinfo load-from-uri

Load timezone zoneinfo data

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

### Description

The `cluster date zoneinfo load-from-uri` command loads a new set of timezone zoneinfo data to replace the version installed in the cluster. Releases of ONTAP software contain the timezone data that is current at the time of release. If a change is made to the timezone between ONTAP releases, then an update can be made to the release data. For instance, if a change is made to when daylight saving time is observed for a country then an update to cluster zoneinfo data may be required.

Only zoneinfo files provided by NetApp for use in ONTAP should be used with this command.

To update the zoneinfo database do the following:

- Download the required zoneinfo file from the NetApp support website.
- Place the file on a local web server accessible without password from the cluster.
- Execute the `cluster date zoneinfo load-from-uri` command, passing the Universal Resource Identifier (URI) of the file as parameter.



The command need only be executed once for the cluster. The data will be distributed to each node of the cluster.

### Parameters

**-uri {scheme: //(hostname|IPv4 Address| '[' IPv6 Address' ' ] ...} - URI of Timezone Zoneinfo Data**

URI of the new zoneinfo file.

### Examples

The following example loads a new version of the timezone zoneinfo database to the cluster:

```
cluster1::> cluster date zoneinfo load-from-uri  
http://www.example.com/ontap_zoneinfo.zip
```

## cluster date zoneinfo show

Display cluster timezone zoneinfo information

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

### Description

Display information about the current timezone zoneinfo data.

### Examples

The following example shows the zoneinfo information for a cluster:

```
cluster1::> cluster date zoneinfo show  
Cluster Zoneinfo Version: 2016f
```

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