Core File Exporter

Core File Exporter

ファブリック インターコネクトや I/O モジュールなどの Cisco UCS コンポーネントで重大な障害が発生すると、システムはコアダンプ ファイルを作成することがあります。 Cisco UCS Manager では、この Core File Exporter で TFTP からネットワーク上の指定ロケーションに直ちにコア ダンプ ファイルをエクスポートします。この機能を使用することにより、tar ファイルをコア ダンプ ファイルのコンテンツと一緒にエクスポートできます。Core File Exporter は、システムをモニタリングし、TAC Case に含める必要のあるコア ダンプ ファイルを自動的にエクスポートします。

Configuring the Core File Exporter

SUMMARY STEPS

1. UCS-A# **scope monitoring**
2. UCS-A /monitoring # **scope sysdebug**
3. UCS-A /monitoring/sysdebug # **enable core-export-target**
4. UCS-A /monitoring/sysdebug # **set core-export-target path** *path*
5. UCS-A /monitoring/sysdebug # **set core-export-target port** *port-num*
6. UCS-A /monitoring/sysdebug # **set core-export-target server-description** *description*
7. UCS-A /monitoring/sysdebug # **set core-export-target server-name** *hostname*
8. UCS-A /monitoring/sysdebug # **commit-buffer**

DETAILED STEPS

	Command or Action	Purpose
Step 1	UCS-A# **scope monitoring**	Enters monitoring mode.
Step 2	UCS-A /monitoring # **scope sysdebug**	Enters monitoring system debug mode.

	Command or Action	Purpose
Step 3	UCS-A /monitoring/sysdebug # **enable core-export-target**	Enables the core file exporter. When the core file exporter is enabled and an error causes the server to perform a core dump, the system exports the core file via TFTP to the specified remote server.
Step 4	UCS-A /monitoring/sysdebug # **set core-export-target path** *path*	Specifies the path to use when exporting the core file to the remote server.
Step 5	UCS-A /monitoring/sysdebug # **set core-export-target port** *port-num*	Specifies the port number to use when exporting the core file via TFTP. The range of valid values is 1 to 65,535.
Step 6	UCS-A /monitoring/sysdebug # **set core-export-target server-description** *description*	Provides a description for the remote server used to store the core file.
Step 7	UCS-A /monitoring/sysdebug # **set core-export-target server-name** *hostname*	Specifies the hostname of the remote server to connect with via TFTP.
Step 8	UCS-A /monitoring/sysdebug # **commit-buffer**	Commits the transaction.

Example

The following example enables the core file exporter, specifies the path and port to use when sending the core file, specifies the remote server hostname, provides a description for the remote server, and commits the transaction.

```
UCS-A# scope monitoring
UCS-A /monitoring # scope sysdebug
UCS-A /monitoring/sysdebug # enable core-export-target
UCS-A /monitoring/sysdebug* # set core-export-target path /root/CoreFiles/core
UCS-A /monitoring/sysdebug* # set core-export-target port 45000
UCS-A /monitoring/sysdebug* # set core-export-target server-description CoreFile102.168.10.10
UCS-A /monitoring/sysdebug* # set core-export-target server-name 192.168.10.10
UCS-A /monitoring/sysdebug* # commit-buffer
UCS-A /monitoring/sysdebug #
```

Disabling the Core File Exporter

SUMMARY STEPS

1. UCS-A# **scope monitoring**
2. UCS-A /monitoring # **scope sysdebug**
3. UCS-A /monitoring/sysdebug # **disable core-export-target**
4. UCS-A /monitoring/sysdebug # **commit-buffer**

DETAILED STEPS

	Command or Action	Purpose
Step 1	UCS-A# **scope monitoring**	Enters monitoring mode.

	Command or Action	Purpose
Step 2	UCS-A /monitoring # **scope sysdebug**	Enters monitoring system debug mode.
Step 3	UCS-A /monitoring/sysdebug # **disable core-export-target**	Disables the core file exporter. When the core file exporter is disabled core files are not automatically exported.
Step 4	UCS-A /monitoring/sysdebug # **commit-buffer**	Commits the transaction.

Example

The following example disables the core file exporter and commits the transaction.

```
UCS-A# scope monitoring
UCS-A /monitoring # scope sysdebug
UCS-A /monitoring/sysdebug # disable core-export-target
UCS-A /monitoring/sysdebug* # commit-buffer
UCS-A /monitoring/sysdebug #
```