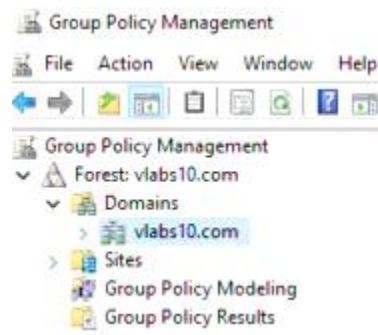


Lab Assignment 2 (Part 3) – GPO

Task 1: Understanding Domain-Based GPOs

On DC1XX:

- Open Group Policy Management Console (GPMC).



- Identify existing domain-based GPOs and their link locations.

Default Domain Policy

Links				hide
Location	Enforced	Link Status	Path	
vlabs10	No	Enabled	vlabs10.com	
Workstations	No	Enabled	vlabs10.com/Workstations	

This list only includes links in the domain of the GPO.

Default Domain Controllers Policy

Links				hide
Location	Enforced	Link Status	Path	
Domain Controllers	No	Enabled	vlabs10.com/Domain Controllers	

This list only includes links in the domain of the GPO.

- Delete both Default Domain Policy and Default Domain Controllers Policy.



Group Policy Management



Do you want to delete this GPO and all links to it in this domain? This will not delete links in other domains.

Yes

No

- Restore both policies using PowerShell.

```
PS C:\Users\Administrator> dcgpofix /ignoreschema /Target:Domain
```

```
PS C:\Users\Administrator> dcgpofix /ignoreschema /Target:DC
```

- Using GPMC, turn off Local GPO processing.

The screenshot shows the Group Policy Management Editor window. The left pane displays the tree structure under 'Default Domain Policy [DC110.V]'. The 'All Settings' folder is selected. The right pane shows the 'Turn off Local Group Policy Objects processing' policy setting. The 'Setting' list on the right includes various system settings, with 'Turn off Local Group Policy Objects processing' highlighted. Below the main window, a summary bar shows the policy is currently 'Not Configured'.

Group Policy Management Editor

File Action View Help

Default Domain Policy [DC110.V]

- Computer Configuration
 - Policies
 - Software Settings
 - Windows Settings
 - Administrative Templates
 - Control Panel
 - Microsoft Office
 - Microsoft PowerPoint
 - Network
 - Printers
 - Server
 - Skype for Business
 - Start Menu and Taskbar
 - System
 - Windows Components
 - All Settings
 - Preferences
 - User Configuration
 - Policies
 - Preferences

All Settings

Turn off Local Group Policy Objects processing

Edit [policy setting](#)

Requirements:
At least Windows Vista

Description:
This policy setting prevents Local Group Policy Objects (Local GPOs) from being applied.

By default, the policy settings in Local GPOs are applied before any domain-based GPO policy settings. These policy settings can apply to both users and the local computer. You can disable the processing and application of all Local GPOs to ensure that only domain-based GPOs are applied.

Setting

- Turn off heap termination on corruption
- Turn off Help and Support Center "Did you know?" content
- Turn off Help and Support Center Microsoft Knowledge Base
- Turn off hybrid sleep (on battery)
- Turn off hybrid sleep (plugged in)
- Turn off IDN encoding
- Turn off InPrivate Browsing
- Turn off InPrivate Filtering
- Turn off Internet Connection Wizard if URL connection is ref...
- Turn off Internet download for Web publishing and online o...
- Turn off Internet File Association service
- Turn off Inventory Collector
- Turn off KMS Client Online AVS Validation
- Turn off legacy remote shutdown interface
- Turn off loading websites and content in the background to ...
- Turn off Local Group Policy Objects processing**
- Turn off location

Turn off Local Group Policy Objects processing

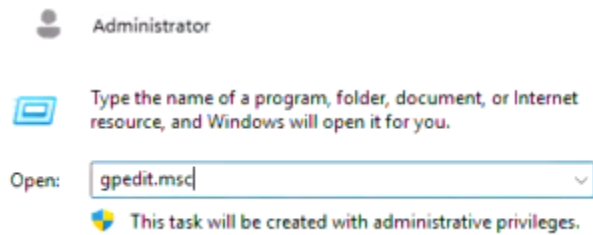
Turn off Local Group Policy Objects processing

☐ Not Configured ☒ Enabled ☐ Disabled

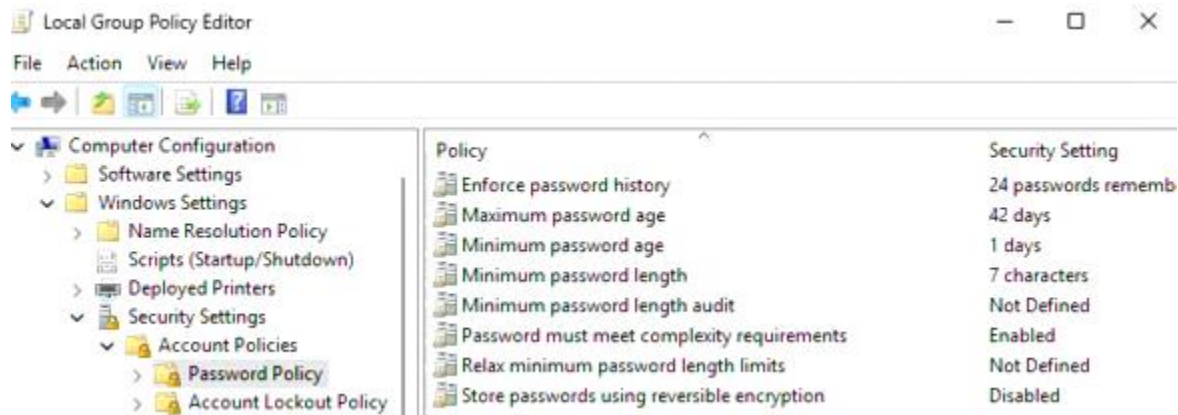
Comment:

On ClientXX:

- Open Local Group Policy Editor (gpedit.msc) using an Administrator account.



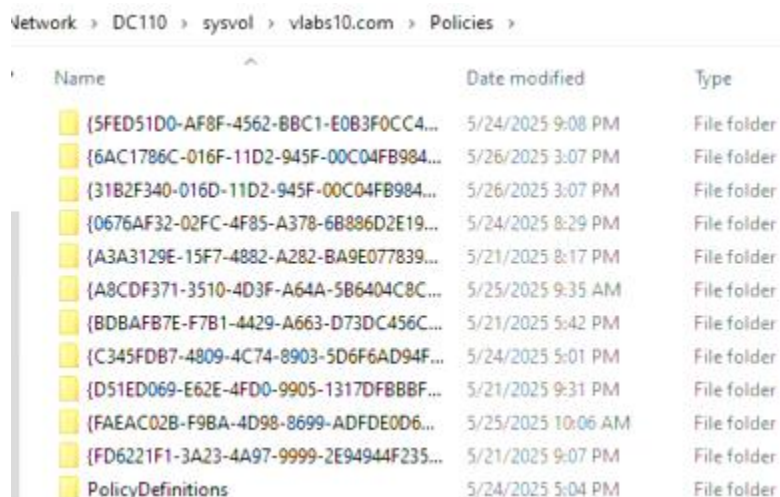
- Compare Local GPO settings with the restored domain-based GPOs.



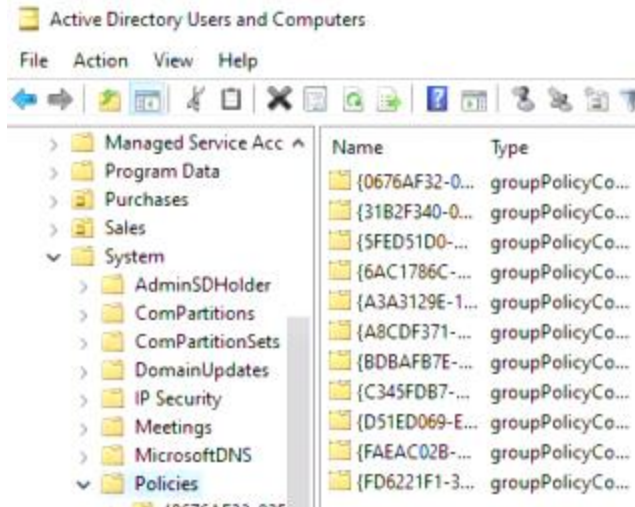
Task 2: GPO Storage and Replication

Using GUI, on DC1XX:

- Navigate to \\DC1XX\\SYSVOL\\vlabsXX.com\\Policies and list stored GPOs.



- Use Active Directory Users and Computers (Enable Advanced Features) to view the Policies container.



Using PowerShell, on DC2XX:

- Verify that DFSR service is running.

```
PS C:\Users\Administrator.VLABS10> Get-Service DFSR
```

Status	Name	DisplayName
Running	DFSR	DFS Replication

```
PS C:\Users\Administrator.VLABS10>
```

- Force manually the DFS replication.

```
PS C:\Users\Administrator.VLABS10> Get-Service DFSR
```

Status	Name	DisplayName
Running	DFSR	DFS Replication

```
PS C:\Users\Administrator.VLABS10> Install-WindowsFeature FS-DFS-Replication
```

Success	Restart Needed	Exit Code	Feature Result
True	No	Success	{DFS Replication}

```
PS C:\Users\Administrator.VLABS10> dfsrdiag pollad
```

Operation Succeeded

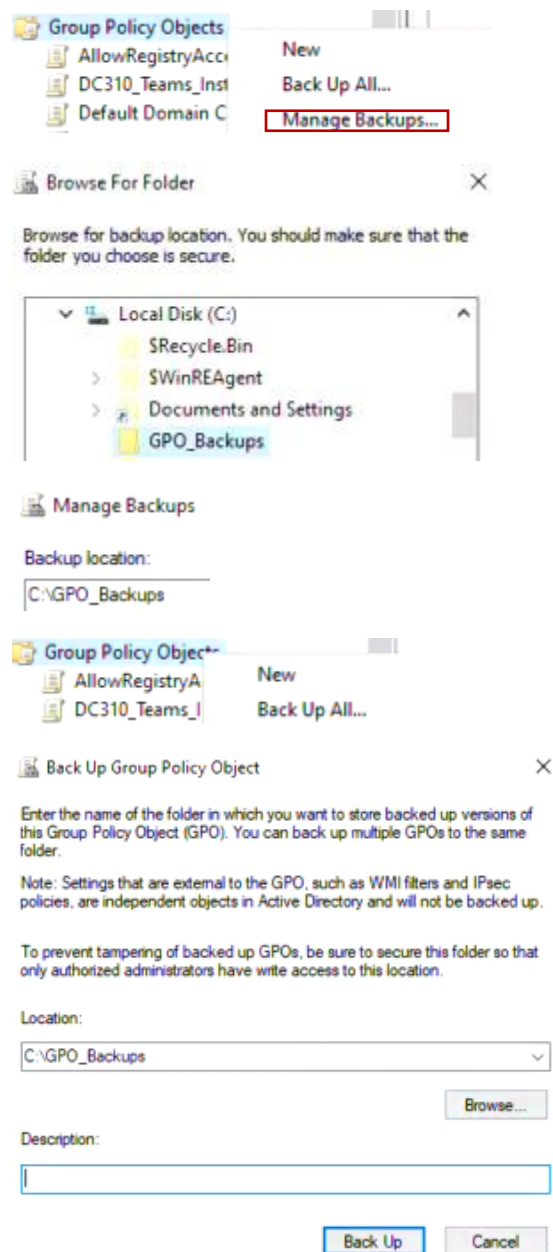
- Check the replication status.

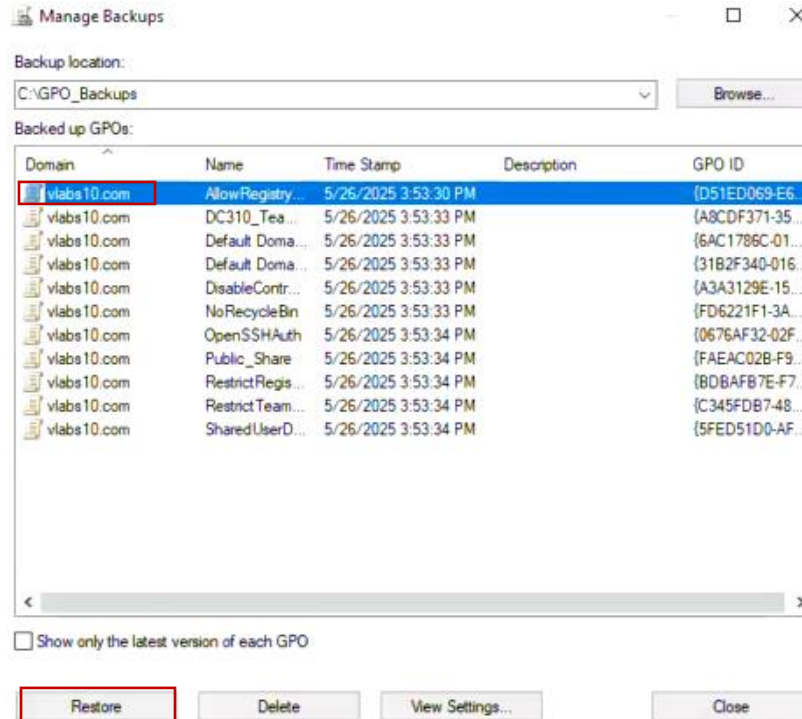
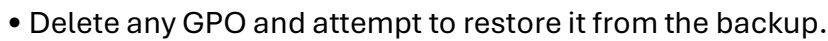
```
PS C:\Users\Administrator.VLABS10> Get-DfsrBacklog -SourceComputerName DC110 -DestinationComputerName DC210
```

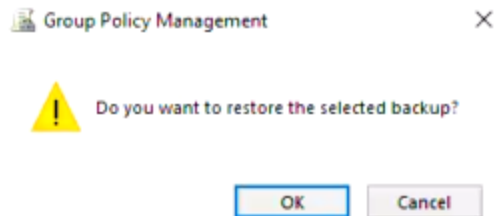
Task 3: Common GPO Management Tasks

On DC1XX using GUI:

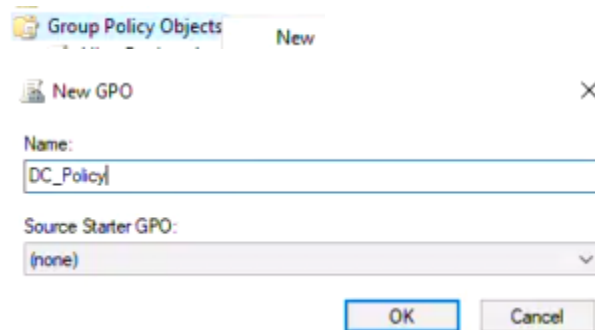
- Backup all existing GPOs.



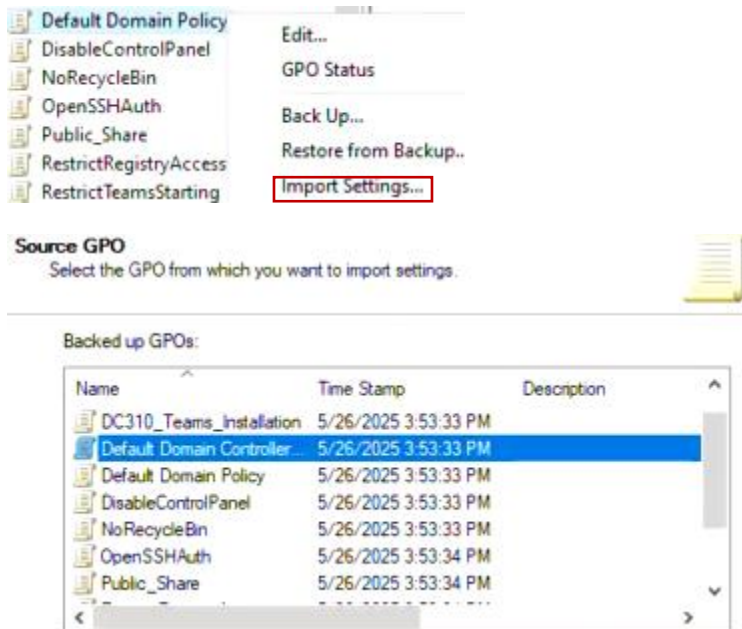




- Create new GPO DC_Policy.



- Import Default Domain Controllers GPO settings into DC_Policy.



- Verify DC_Policy new settings to confirm the importation.

DC_Policy

Scope Details Settings Delegation Status

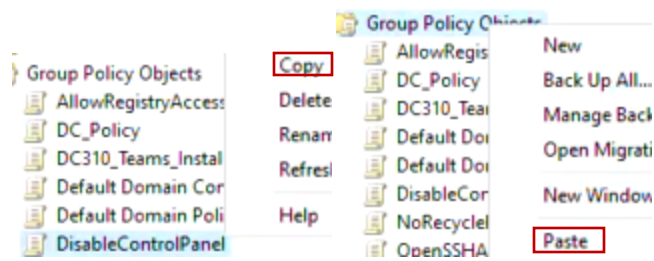
DC_Policy	
Data collected on: 5/26/2025 4:04:29 PM	show all
General	
	hide
Details	show
Links	show
Security Filtering	show
Delegation	show
Computer Configuration (Enabled)	
	hide
Policies	hide
Windows Settings	hide
Security Settings	show
User Configuration (Enabled)	
	hide
No settings defined.	

Default Domain Controllers Policy

Scope Details Settings Delegation Status

Default Domain Controllers Policy	
Data collected on: 5/26/2025 4:02:07 PM	show all
General	
	hide
Details	show
Links	show
Security Filtering	show
Delegation	show
Computer Configuration (Enabled)	
	hide
Policies	hide
Windows Settings	hide
Security Settings	show
User Configuration (Enabled)	
	hide
No settings defined.	

- Copy any existing GPO to a new one in the same domain.



Copy

Copy progress:



Status:

GPO: DisableControlPanel...Succeeded

- Verify copied GPO settings.

Copy of DisableControlPanel

Scope Details Settings Delegation Status

Copy of DisableControlPanel

Data collected on: 5/26/2025 4:07:41 PM [show all](#)

General [hide](#)

Details [show](#)

Links [show](#)

Security Filtering [show](#)

Delegation [show](#)

Computer Configuration (Enabled) [hide](#)

No settings defined.

User Configuration (Enabled) [hide](#)

Policies [hide](#)

Administrative Templates [show](#)

DisableControlPanel

Scope Details Settings Delegation Status

DisableControlPanel
Data collected on: 5/26/2025 4:06:17 PM [show all](#)

General [hide](#)

Details [show](#)

Links [show](#)

Security Filtering [show](#)

Delegation [show](#)

Computer Configuration (Enabled) [hide](#)

No settings defined.

User Configuration (Enabled) [hide](#)

Policies [hide](#)

Administrative Templates [show](#)

On DC1XX using PowerShell:

- Perform the previous tasks using PowerShell.

```
PS C:\Users\Administrator> Backup-GPO -All -Path "C:\GPO_Backups"
```

```
PS C:\Users\Administrator> Restore-GPO -Name "DisableControlPanel" -Path "C:\GPO_Backups"
```

```
PS C:\Users\Administrator> Copy-GPO -SourceName "DisableControlPanel" -TargetName "DisableControlPanel 2"
```

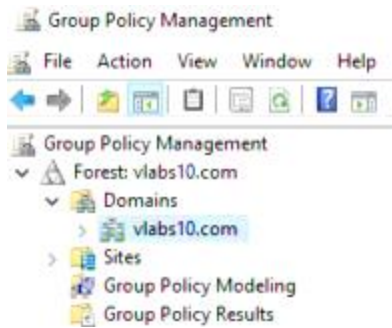
```
PS C:\Users\Administrator> Get-GPO -All
```

```
DisplayName      : DisableControlPanel 2
DomainName       : vlabs10.com
Owner            : VLABS10\Domain Admins
Id               : f5c6eb56-37d8-43a8-9392-3d47c3c5a166
GpoStatus        : AllSettingsEnabled
Description      :
CreationTime     : 5/26/2025 4:09:24 PM
ModificationTime : 5/26/2025 4:09:24 PM
UserVersion      : AD Version: 1, SysVol Version: 1
ComputerVersion  : AD Version: 1, SysVol Version: 1
WmiFilter        :
```

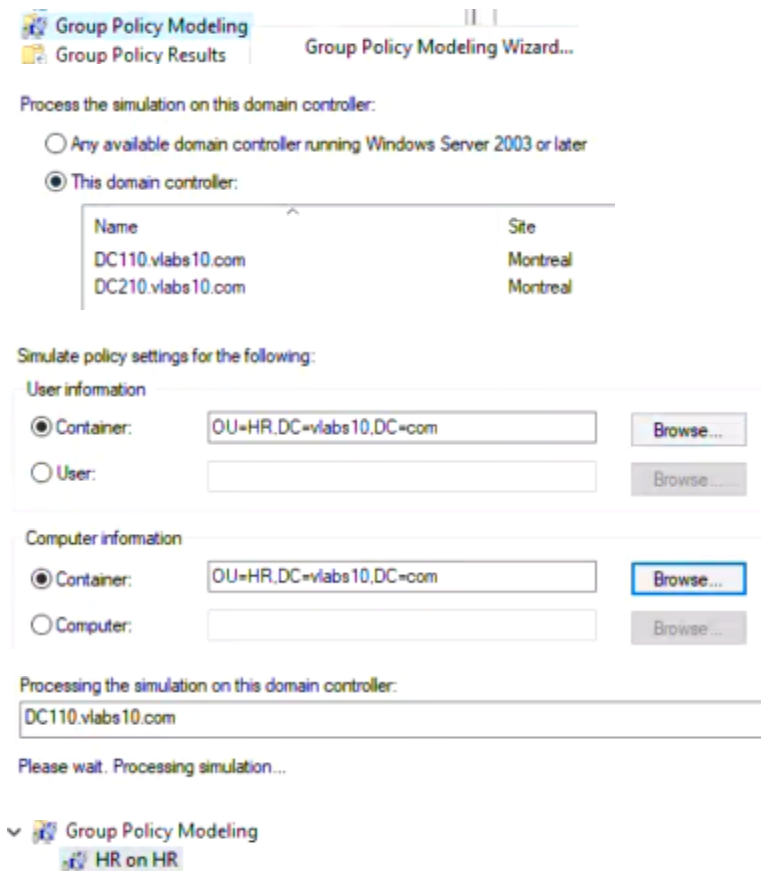
Task 4: Group Policy Modeling and Results

On DC1XX:

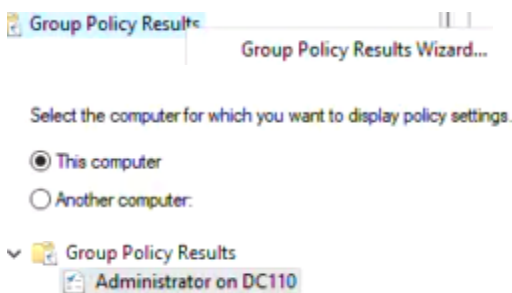
- Open Group Policy Management Console.



- Use Group Policy Modeling to predict the effect of applied GPOs for a user in HR OU.



- Use Group Policy Results to test the GPOs results on DC1XX.



Administrator on DC110

Summary Details Policy Events

Group Policy Results	
VLABS10\Administrator on VLABS10\DC110	
Data collected on: 5/26/2025 4:30:01 PM show all	
Summary	show
Computer Details	hide
General	show
Component Status	show
Settings	show
Group Policy Objects	hide
Applied GPOs	show
Denied GPOs	show
WMI Filters	show
User Details	hide
General	show
Component Status	show

Task 5: Delegating GPO Management

On DC1XX:

- Delegate Lina Gaillard on Finance OU to be able to Edit and Link any GPO to the Finance OU.
- No need to test it.

Finance

Linked Group Policy Objects Group Policy Inheritance **Delegation**

The following groups and users have the selected permission for this OU.


Permission:

Link GPOs

Groups and users:

Name	Applies To	Setting	Inherited
Administrators	This container and all chl...	Allow	Yes
Domain Admins (VLABS...	This container only	Allow	No
Enterprise Admins (VLA...	This container and all chl...	Allow	Yes
SYSTEM	This container only	Allow	No

Add... Remove Properties Advanced...

 Add Group or User

×

Group or user name:

VLABS10\Lisa Gaillard

Browse...

Permissions:

This container and all child containers

▼

OK

Cancel

Finance

Linked Group Policy Objects Group Policy Inheritance Delegation

The following groups and users have the selected permission for this OU.

Permission:

Link GPOs ▼

Groups and users:

Name	Applies To	Setting	Inherited
 Administrators	This container and all chl...	Allow	Yes
 Domain Admins (VLABS...	This container only	Allow	No
 Enterprise Admins (VLA...	This container and all chl...	Allow	Yes
 Lisa Gaillard (VLABS10...	This container and all chl...	Allow	No
 SYSTEM	This container only	Allow	No