

1451753 - Filtering of administration requests for AS Java

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|-----------------------|--|------------------------|------------|
| Version | 8 | Type | SAP Note |
| Language | English | Master Language | German |
| Priority | Recommendations / Additional Info | Category | Consulting |
| Release Status | Released for Customer | Released On | 19.08.2015 |
| Component | BC-CST-IC (Internet Communication Manager) | | |

Please find the original document at <https://launchpad.support.sap.com/#/notes/1451753>

Symptom

You want to prevent access to administration URLs of the NetWeaver Administrator in the Internet Communication Manager (ICM).

Other Terms

URL, Uniform Resource Locator, ICM, NWA, SAP NetWeaver Administrator

Reason and Prerequisites

You use AS Java 7.x.

Solution

The URLs for NWA have a unique prefix and can be filtered out in the ICM on a rule basis.

In the profile file (we recommend the default profile DEFAULT.PFL), configure the following modification handler:

```
icm/HTTP/mod_0 = PREFIX=/,FILE=$(DIR_GLOBAL)/security/data/icm_filter_rules.txt
```

You must then create the rule file in the specified directory and specify the filter rules.

- If you want to prevent access to administration requests completely, you should define the following rule:

```
RegIRedirectUrl ^/webdynpro/resources/sap.com/tc~lm~itsam~ui~mainframe~wd/(.)*$
/nwa/remote_access_error [QSA]
```

- If you want to prevent access to administration requests for external administration, you should define the following rule:

```
if %{REMOTE_ADDR} !stricmp 127.0.0.1 [AND]
if %{REMOTE_ADDR} !stricmp ::1
RegIRedirectUrl ^/webdynpro/resources/sap.com/tc~lm~itsam~ui~mainframe~wd/(.)*$
/nwa/remote_access_error [QSA]
```

- If you want to allow access to administration requests for certain network segments (for example, 10.18.*), you should define the following rule:

```
if %{REMOTE_ADDR} !regimatch ^10\.18\.*
RegIRedirectUrl ^/webdynpro/resources/sap.com/tc~lm~itsam~ui~mainframe~wd/(.)*$
```

```
/nwa/remote_access_error [QSA]
```

- If you do not want to restrict access to the administration requests to certain clients, remove the lines from the file or turn the lines into a comment:

```
#if %{REMOTE_ADDR} !stricmp 127.0.0.1 [AND]
#if %{REMOTE_ADDR} !stricmp ::1
#RegRedirectUrl ^/webdynpro/resources/sap.com/tc~lm~itsam~ui~mainframe~wd/(.)*$
/nwa/remote_access_error [QSA]
```

- The syntax for IPv6 addresses is as follows:
 - Local host is the string "::1"
 - An example for an IPv6 address is "fe80::21c:c4ff:fedc".

The IP address of the client can be determined with the following (temporary) rule:

```
RegRedirectUrl ^/ipaddr_echo /echo?clientip=%{REMOTE_ADDR}
```

Now use the browser/client to call the following URL on the server:

```
http://<host>:<http_port>/ipaddr_echo.
```

In the client/browser, the system now displays the IP address of the client in the URL line (for example, <http://server.sap.com/echo?clientip=10.18.55.11>).

It is important that you remember to remove the temporary rule again.

Software Components

| Software Component | Release |
|--------------------|-------------------|
| KRNL32NUC | 7.20 - 7.20 |
| KRNL32NUC | 7.20EXT - 7.20EXT |
| KRNL32NUC | 7.21 - 7.21 |
| KRNL32NUC | 7.21EXT - 7.21EXT |
| KRNL32UC | 7.20 - 7.20 |
| KRNL32UC | 7.20EXT - 7.20EXT |
| KRNL32UC | 7.21 - 7.21 |
| KRNL32UC | 7.21EXT - 7.21EXT |
| KRNL64NUC | 7.20 - 7.20 |
| KRNL64NUC | 7.20EXT - 7.20EXT |
| KRNL64NUC | 7.21 - 7.21 |

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|-----------|-------------------|
| KRNL64NUC | 7.21EXT - 7.21EXT |
| KRNL64NUC | 7.40 - 7.40 |
| KRNL64NUC | 7.41 - 7.41 |
| KRNL64NUC | 7.42 - 7.42 |
| KRNL64UC | 7.20 - 7.20 |
| KRNL64UC | 7.20EXT - 7.20EXT |
| KRNL64UC | 7.21 - 7.21 |
| KRNL64UC | 7.21EXT - 7.21EXT |
| KRNL64UC | 7.40 - 7.40 |
| KRNL64UC | 7.41 - 7.41 |
| KRNL64UC | 7.42 - 7.42 |
| SAP_BASIS | 710 - 730 |
| KERNEL | 7.20 - 7.21 |
| KERNEL | 7.40 - 7.40 |
| KERNEL | 7.41 - 7.41 |
| KERNEL | 7.42 - 7.42 |

Other Components

| Component | Description |
|------------|---|
| BC-JAS-COR | Enterprise Runtime, Core J2EE Framework |

This document refers to

| SAP Note/KBA | Title |
|--------------|---|
| 1616058 | XSRF possible in SPML Services in AS Java |
| 1495260 | Filtering ID Mgmt requests for AS Java |

This document is referenced by

| SAP Note/KBA | Title |
|--------------|---|
| 2033972 | 403 Forbidden accessing Netweaver Administrator |
| 2651008 | AS Java Administration URLs can not be opened - Remote access to the NetWeaver Administrator is forbidden |
| 1495260 | Filtering ID Mgmt requests for AS Java |

Attachments

| File Name | File Size | Mime Type |
|----------------------|-----------|------------|
| icm_filter_rules.txt | 1 | text/plain |

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