

# **SAP landscape control**

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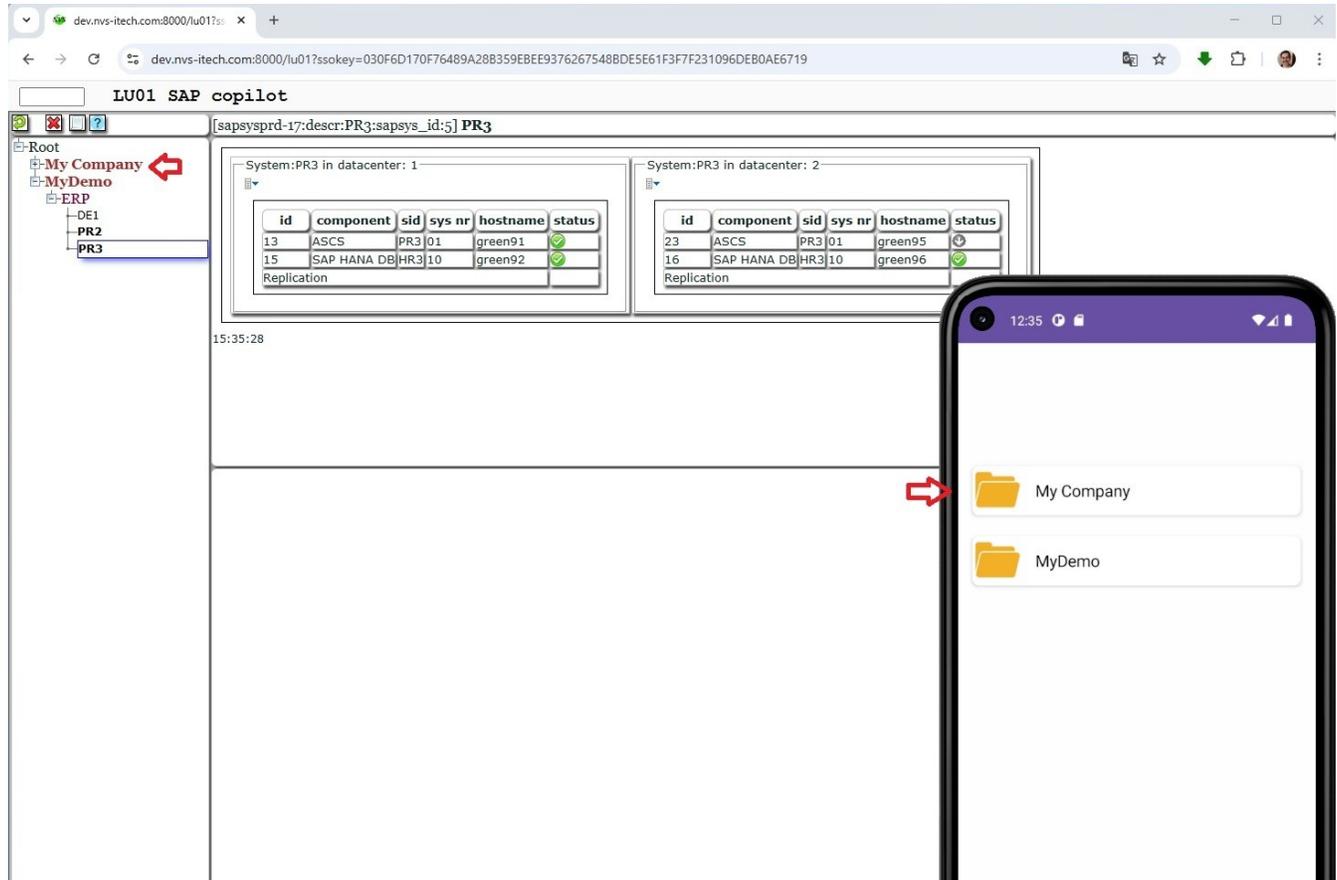
## **Lu01 - SAP landscape control**

The transaction Lu01 is intended to manage your SAP landscape.

# Switch wizard

Once you've correctly entered all the information about your existing SAP systems, you can manage them in this transaction.

The user interface is available via both a web page and a mobile app.



Navigation in the mobile application corresponds to the hierarchical structure on the left side of the transaction

The screenshot displays the SAP Copilot web interface and a mobile application interface. The web interface shows a hierarchical tree on the left with 'PR3' selected, and two data tables for 'System:PR3 in datacenter: 1' and 'System:PR3 in datacenter: 2'. The mobile app shows a list of options: DE1, PR2, and PR3, with PR3 highlighted and a red arrow pointing to it. The mobile app also has a bottom navigation bar with Home, Work, and Settings icons.

**System:PR3 in datacenter: 1**

id	component	sid	sys nr	hostname	status
13	ASCS	PR3	01	green91	✓
15	SAP HANA DB	HR3	10	green92	✓
Replication					

**System:PR3 in datacenter: 2**

id	component	sid	sys nr	hostname	status
23	ASCS	PR3	01	green95	✓
16	SAP HANA DB	HR3	10	green96	✓
Replication					

15:36:54

You can see the status of the SAP system operation, which is returned by the standard SAP control tool.

The screenshot displays the SAP copilot interface in a web browser. The browser address bar shows the URL: `dev.nvs-itech.com:8000/lu01?ssoskey=030F6D170F76489A28B359EBEE9376267548BDE5E61F3F7F231096DEB0AE6719`. The page title is "LU01 SAP copilot".

The main content area shows the system status for "PR3" in two datacenters. The left sidebar contains a tree view with "My Company", "My Demo", "ERP", "DE1", "PR2", and "PR3".

Two tables show the system status for "System:PR3 in datacenter: 1" and "System:PR3 in datacenter: 2".

id	component	sid	sys nr	hostname	status
13	ASCS	PR3	01	green91	🔄
15	SAP HANA DB	HR3	10	green92	✅
Replication					

id	component	sid	sys nr	hostname	status
23	ASCS	PR3	01	green95	✅
16	SAP HANA DB	HR3	10	green96	✅
Replication					

14:38:24

Overlaid on the bottom right is a mobile app interface for "PR3(1)". The app has a purple header and a list of control buttons:

- SHOW STATUS-1
- ASCS STOP-1
- HDB STOP-1
- HDB START-1
- ASCS START-1
- SHOW REPLIC-1
- HDB TAKEOVER-1
- HDB REGISTER-1

dev.nvs-itech.com:8000/lu01?sskey=030F6D170F76489A28B359EBE9376267548BDE5E61F37F7231096DEB0AE6719

LU01 SAP copilot

[sapsysprd-17:descr:PR3:sapsys\_id:5] PR3

Root

- My Company
  - My Demo
    - ERP
      - DE1
        - PR2
          - PR3

System:PR3 in datacenter: 1

id	component	sid	sys nr	hostname	status
13	ASCS	PR3	01	green91	🔄
15	SAP HANA DB	HR3	10	green92	✅
Replication					

System:PR3 in datacenter: 2

id	component	sid	sys nr	hostname	status
23	ASCS	PR3	01	green95	✅
16	SAP HANA DB	HR3	10	green96	✅
Replication					

14:39:42

11:39

Status PR3

SAP (app):

Component	status
ABAP(GATEWAY)ICMAN\IGS	GRAY
MESSAGESEVERIENQUE	GRAY

SAP (db):

component	status
hdbdaemon	GREEN
hdbcompilesrver	GREEN
hdbindexserver	GREEN
hdbnameserver	GREEN
hdbpreprocessor	GREEN
hdbwebdispatcher	GREEN

21.02.2026 14:39:43  
GetSystemInstanceList  
OK  
hostname, instanceNr, httpPort, httpsPort, startPriority, features, dispstatus  
pr3-cl, 0, 50013, 50014, 3, ABAP(GATEWAY)ICMAN\IGS, GRAY  
pr3-cl, 1, 50113, 50114, 1, MESSAGESEVERIENQUE, GRAY

21.02.2026 14:39:44  
GetProcessList  
OK  
name, description, dispstatus, textstatus, starttime, elapsedtime, pid  
hdbdaemon, HDB Daemon, GREEN, Running, 2026 02 21 13:57:24, 0:42:20, 16458  
hdbcompilesrver, HDB Compilesrver, GREEN, Running, 2026 02 21 13:57:31, 0:42:13, 16705  
hdbindexserver, HDB Indexserver-HR3, GREEN, Running, 2026 02 21 13:57:31, 0:42:13, 16749  
hdbnameserver, HDB Nameserver, GREEN, Running, 2026 02 21 13:57:24, 0:42:20, 16483  
hdbpreprocessor, HDB Preprocessor, GREEN, Running, 2026 02 21 13:57:31, 0:42:13, 16708  
hdbwebdispatcher, HDB Web Dispatcher, GREEN, Running, 2026 02 21 13:57:47, 0:41:57, 17167

Give the command to switch and the NVS system will automatically execute the standard SAP commands and transfer the SAP system to the opposite datacenter

The screenshot displays the SAP Copilot interface in a browser window. The browser address bar shows the URL: `dev.nvs-itech.com:8000/lu01?sskey=030F6D170F76489A28B359EBE93762675488DE5E61F37F231096DEB0AE6719`. The main interface is titled "LU01 SAP copilot" and shows a tree view on the left with "My Company" and "MyDemo" folders, and "ERP" sub-items including "DE1", "PR2", and "PR3". The main content area is split into two panels: "System:PR3 in datacenter: 1" and "System:PR3 in datacenter: 2".

The "System:PR3 in datacenter: 1" panel contains a "Run switch wizard" menu with options: "Startup (Start DB+APP)", "Shutdown (Stop APP+DB)", and "Replication". Below this is a table with columns "nr", "hostname", and "status":

nr	hostname	status
15	SAP HANA DB HR3 10	green92

The "System:PR3 in datacenter: 2" panel contains a table with columns "id", "component", "sid", "sys nr", "hostname", and "status":

id	component	sid	sys nr	hostname	status
23	ASCS	PR3	01	green95	✓
16	SAP HANA DB	HR3	10	green96	✓

Below the tables is a timestamp "14:42:19". A green arrow points from the "Run switch wizard" menu to the "SWITCH WIZARD-1" button in the mobile app interface shown in the foreground. The mobile app interface is a purple-themed screen with a list of buttons: "ASCS START-1", "SHOW REPLIC-1", "HDB TAKEOVER-1", "HDB REGISTER-1", "SHOW LOG-1", "SWITCH WIZARD-1", and "PR3-(2)" with a sub-button "SHOW STATUS-2". A green arrow also points from the "SWITCH WIZARD-1" button in the mobile app back to the "Run switch wizard" menu in the SAP Copilot interface.

The transaction records all its actions in a common log where you can always check what happened at the moment of switching.

dev.nvs-itech.com:8000/lu01?sokey=030F6D170F76489A28B359EBE93762675488BDE5E61F37F231096DEB0AE6719

LU01 SAP copilot

[sapsysprd-17:descr:PR3;sapsys\_id:5] PR3

id	component	sid	sys nr	hostname	status
13	ASCS	PR3	01	green91	⬇
15	SAP HANA DB	HR3	10	green92	✓
Replication					

id	component	sid	sys nr	hostname	status
23	ASCS	PR3	01	green95	✓
16	SAP HANA DB	HR3	10	green96	✓
Replication					

14:44:05

Id	Command	Response	start	finish
233	***** START WIZARD for PR3 SWITCH TO datacenter: 2*****		2026-02-21 13:49:04.0	2026-02-21 13:49:04.0
234	ASCI for PR3 in DC 1 runs StopSystem ALL : 21.02.2026 13:49:06 StopSystem OK		2026-02-21 13:49:06.0	2026-02-21 13:49:06.0
235	status color: ASCI for PR3 in DC 1=GREEN		2026-02-21 13:49:28.0	2026-02-21 13:49:28.0
236	status color: ASCI for PR3 in DC 1=YELLOW		2026-02-21 13:49:49.0	2026-02-21 13:49:49.0
237	status color: ASCI for PR3 in DC 1=YELLOW		2026-02-21 13:50:10.0	2026-02-21 13:50:10.0
238	status color: ASCI for PR3 in DC 1=YELLOW		2026-02-21 13:50:31.0	2026-02-21 13:50:31.0
239	status color: ASCI for PR3 in DC 1=GRAY		2026-02-21 13:50:52.0	2026-02-21 13:50:53.0
240	ASCI for PR3 in DC 1 status color = GRAY Ok. Go on.		2026-02-21 13:50:53.0	2026-02-21 13:50:53.0
241	Hana DB for PR3 in DC 1 runs sapcontrol -nr 10 -function StopSystem HDB : 21.02.2026 13:50:54 StopSystem OK		2026-02-21 13:50:55.0	2026-02-21 13:50:55.0
242	Hana DB for PR3 in DC 1 status color = YELLOW		2026-02-21 13:51:16.0	2026-02-21 13:51:16.0
243	Hana DB for PR3 in DC 1 status color = YELLOW		2026-02-21 13:51:37.0	2026-02-21 13:51:37.0
244	Hana DB for PR3 in DC 1 status color = YELLOW		2026-02-21 13:51:59.0	2026-02-21 13:51:59.0
245	Hana DB for PR3 in DC 1 status color = YELLOW		2026-02-21 13:52:20.0	2026-02-21 13:52:20.0
246	Hana DB for PR3 in DC 1 status color = YELLOW		2026-02-21 13:52:41.0	2026-02-21 13:52:41.0

## Mobile application

You can install the mobile app via Google Play or the App Store, or download the beta version for Android using the link.

<https://www.nvs-itech.com/file/software%2Fnvs-copilot-debug.apk>

