Automated & Agile Operations Management with:

IBM Runbook Automation

September 2017 – New Feature: “SSH Automation”

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SCRIPT Automation Provider

Allows to execute scripts on target systems

The SCRIPT automation provider allows to execute scripts (bash, ksh, perl, ...) on a target system

The script is being transferred to the system (using ssh), saved as temporary file and executed.

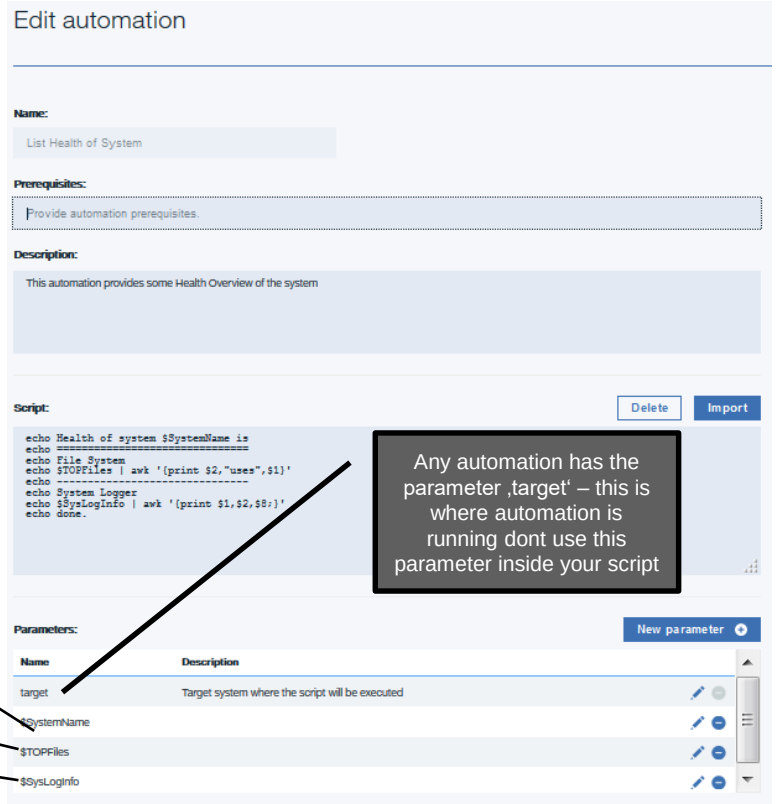
Result (STDOUT) is being displayed and logged in the runbook instances

Tempory file is being deleted after script execution

Note:

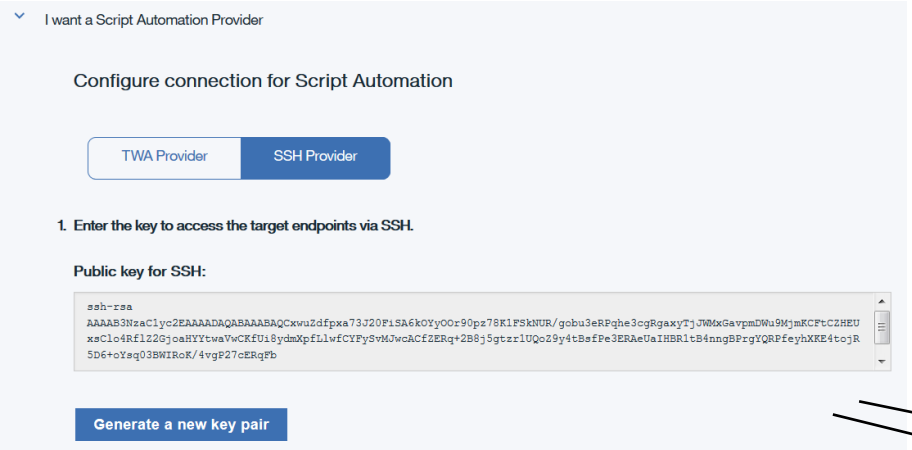
- ***You need a script connection in order to create SCRIPT automations***
- ***SCRIPT connections can either be configured using TWA or SSH. TWA is deprecated and only available for backward comapatibility***

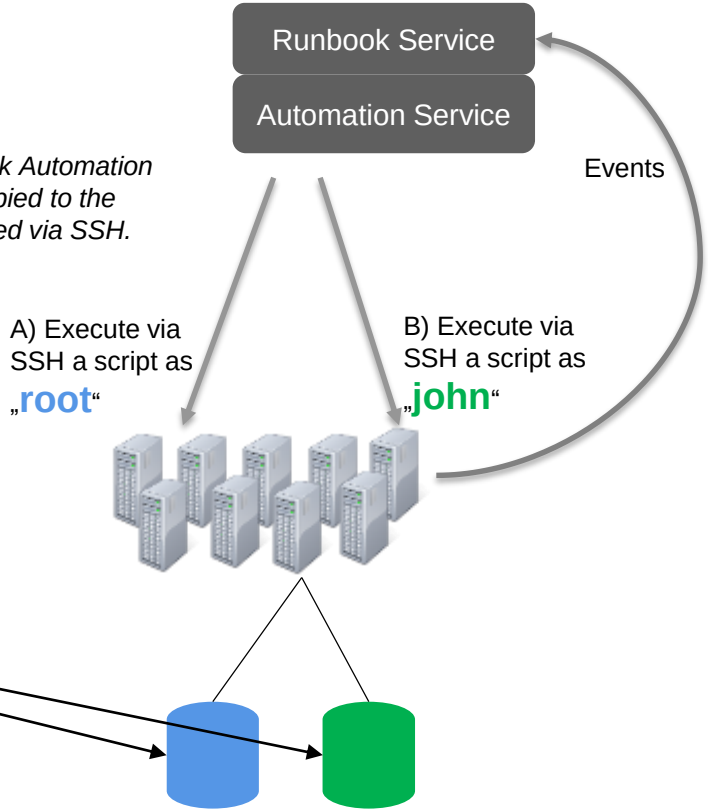
```
echo Health of system $SystemName is
echo ================================
echo File System
echo $TOPFiles | awk '{print $2,"uses",$1}'
echo --------------------------------
echo System Logger
echo $SysLogInfo | awk '{print $1,$2,$8;}'
echo done.
```



Connection For SSH Provider

Preparation for each target system
From the Connection Dialog for SCRIPT in Runbook Automation you find a generated Public Key – this has to be copied to the target machines on which the scripts will be executed via SSH.





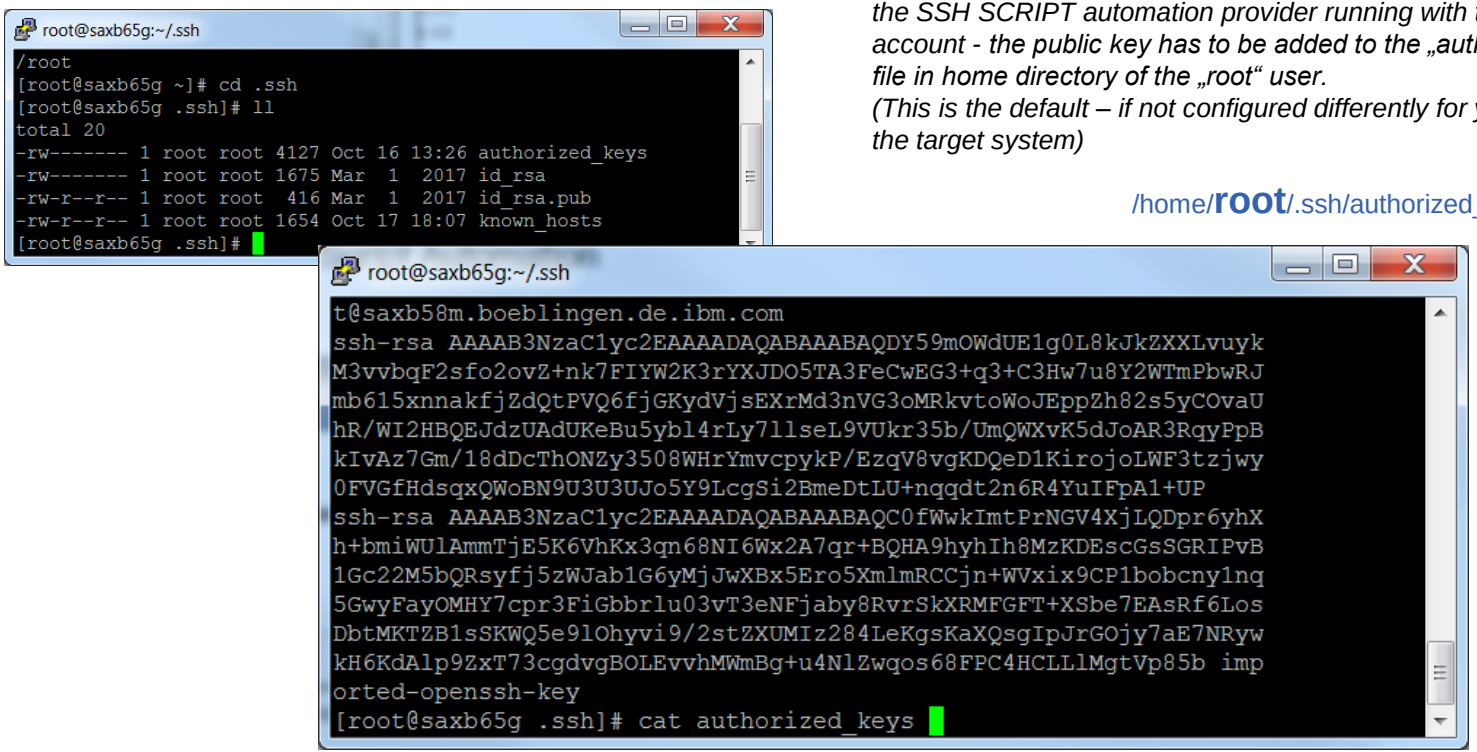
Copy Public Key to each target system

Remember:
Scripts can either be executed as „root“ (A)
or using a specific user ID (e.g. „john“) (B) on a target system

/home/**root**/.ssh/authorized_keys

/home/**john**/.ssh/authorized_keys

Allow Script Execution for „root“

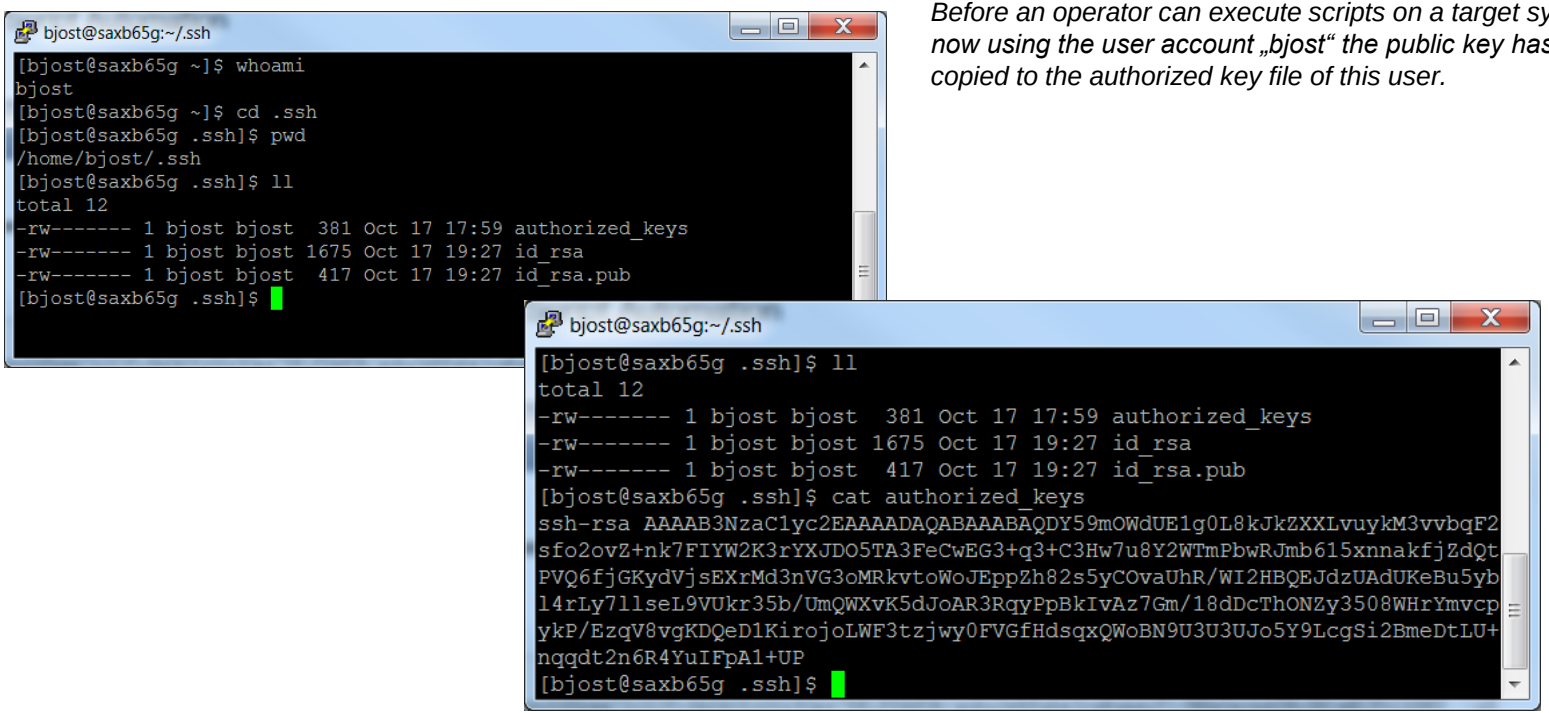


Preparation for „root“

Before an operator can execute scripts on a target system with the SSH SCRIPT automation provider running with the root user account - the public key has to be added to the „authorized_key“ file in home directory of the „root“ user.
(This is the default – if not configured differently for your sshd on the target system)

/home/**root**/.ssh/authorized_keys

Allow Script Execution For Specific User



Preparation for specific user („bjost“ in this example)
Before an operator can execute scripts on a target system but now using the user account „bjost“ the public key has to be copied to the authorized key file of this user.