Innovations in Measurement Tools

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Agenda

Presentation of new USMM
- Settings
- USMM: Rule-based Classification Preparation
- Web Dynpro User Interface
- Check Notes
- User Classification
- Rule-based Classification
- Perform Measurement
- Result Transfer

Future innovations
- History
- Digital Access Report

Outlook
USMM: Settings

The new USMM combines all basic settings on one page.

- Clients, Price Lists, User types and E-Mail Address from the tabs of the former USMM
USMM: Settings

- RFC Back-Destination from RSLAW_PLUGIN
USMM: Settings

- Define parameters for History Administration
- Link to the Role-based Classification (Transaction LICENSE_ATTRIBUTES)
USMM: Rule-based Classification Preparation

Create rules

The new USMM features the possibility to define a set of rules, which then creates a suggestions for the classification
Further Information

Further information about Rule-based User Classification can be found in the SAP Support Portal under the following link:


User Classification

To ensure that users are evaluated correctly, they must first be classified according to their activities in the system and according to the appropriate price list. The measurement request e-mail specifies the price list that is relevant for you.

Tip: The measurement program contains additional classification aids that are not yet described in the current instructions on system measurement:

- Classification check / Klassifizierungsprüfung
- Measurement of Non-Dialog Users / Vermessung von Nicht-Dialog-Benutzern
- Role-based user classification / Benutzerklassifizierung nach Rollen
- New: Rule-based user classification / Neu: Regelbasierte Nutzerklassifizierung

To use the rule-based user classification, the new system measurement program must be implemented. Availability see above.

Useful Notes & Tips

The most important SAP Notes and tips are available here:

- Required user types missing in user list
- General information about online data transfer (SAP Note 1142694)
- Engine measurement - information about counting method and evaluation
- Self-declaration of engines - self-declaration of non-measurable products
- SAP notes for system measurement of engines
USMM: Web Dynpro User Interface

Within the new USMM, the User Interface for the measurement process runs as Web Dynpro
- By clicking the button , a new browser is opening
- To get directly to the measurement process you can also use transaction USMM2
- In case of problems with the Web Dynpro ensure to check the note 2695241
USMM: Check Notes

The SAP-supplied note file can be imported into the USMM.
USMM: Check Notes

After importing this note, a check will be performed directly:

- Does the validity match with the Release/Support Package of the system?
- Is the note already applied to this system?

The result list contains all the notes that can be imported into the relevant System.

Notes that are not required in this system, can be excluded from the result list.
USMM: User Classification

- Similar to the user classification in the old USMM, this user classification can also be performed in a list.
- However, there are additional selection options in the list.
USMM: Rule-based Classification Execution

The corresponding profile of the rule-based classification needs to be selected, then a new tab with buttons appears.
USMM: Rule-based Classification Execution

The button „Classify Users” starts the proposal determination based on the defined rules.

The proposed classification can be applied
USMM: Perform Measurement

In this step, the system measurement is started
During the measurement, the details of the current measurement are displayed.

- The button is inactive while the measurement is running.
- During the measurement, the status display of the jobs can be refreshed.

### Vermessungsdetails

<table>
<thead>
<tr>
<th>Vermessungsnr:</th>
<th>32</th>
</tr>
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<tbody>
<tr>
<td>System:</td>
<td>Y51</td>
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<tr>
<td>Systemnr.:</td>
<td>312641446</td>
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<tr>
<td>Installationsnr.:</td>
<td>0020270862</td>
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### Jobs

<table>
<thead>
<tr>
<th>Vermessungsnr:</th>
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<tbody>
<tr>
<td>User:</td>
<td>LANGULR</td>
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<tr>
<td>Datum:</td>
<td>12.10.2018</td>
</tr>
<tr>
<td>Zeit:</td>
<td>00:10:55</td>
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#### Funktionen

- Systemvermessung starten

#### Status

<table>
<thead>
<tr>
<th>Status Hintergrund-Jobs</th>
<th>Benutzerarten</th>
<th>Engines</th>
</tr>
</thead>
</table>

#### Applikationen

- 1: Erweiterungen der Vermessung
- 9: Aktivitätenprüfungen
- 370: SAP NetWeaver Gateway
- 380: SAP HANA Planungs-Vermessung
- 820: SAP NetWeaver Single Sign-On
- 1550: BI Accelerator
- 1570: BI Open Hub Service
- 1600: Adobe Interactive Forms

#### Status Hintergrund-Jobs

- 1: Erfolgreich beendet am 12.10.2018 um 00:11:06.
- 370: Erfolgreich beendet am 12.10.2018 um 00:11:09.
- 820: Erfolgreich beendet am 12.10.2018 um 00:11:09.
- 1550: Erfolgreich beendet am 12.10.2018 um 00:11:09.
- 1600: Eingeplant am 12.10.2018 um 00:11:00, noch nicht gestartet.
USMM: Result Transfer

Functions:

- **Send Result to SAP**
  - Transmits the measurement result of this system to SAP via SDCCN
  - The button is inactive if the SDCCN is not configured correctly

- **Save Result Locally**
  - Is SDCCN is not available, the result can be saved as TXT or PDF file
  - This should be sent to SAP via E-Mail.
  - Since this file does not contain any user-related data, it must not be used for further processing in a LAW

- **Save LAW File Locally**
  - If the system measurement is to be consolidated in a LAW, the LAW file can be saved locally as an XML-file. Afterwards it can be uploaded to the LAW
  - Since this file contains user-related data, it is not destined for sending it to SAP

- **Send LAW File via RFC**
  - If an RFC Destination is maintained, the LAW result can be sent to the LAW central system via RFC
USMM: Result Transfer

The PDF protocol is displayed in a new browser window

<table>
<thead>
<tr>
<th>Absender</th>
<th>Systeminformationen (020270862 / Y51)</th>
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<tbody>
<tr>
<td>Vermerk</td>
<td>12.10.2018, LANGUR</td>
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<td>Protokoll</td>
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<table>
<thead>
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<table>
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<tr>
<th>Systemdaten</th>
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<tbody>
<tr>
<td>Installationsnummer</td>
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<tr>
<td>Systemname</td>
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<tr>
<td>Systemart</td>
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<td>SAP BASIS Release</td>
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<td>Hardwarekosten</td>
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<td>Datenbankkosten</td>
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<table>
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<tr>
<th>Status der Hintergrund-Jobs</th>
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</thead>
<tbody>
<tr>
<td>0002 Erweiterungen der Vermerkung</td>
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<tr>
<td>0001 Development Workloch (V30)</td>
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<tr>
<td>0004 Kundenvermerkung Bzlh</td>
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<tr>
<td>0009 AKH-Itprüfung</td>
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<tr>
<td>0070 SAP-HANA-Planung-Vermerkung</td>
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</table>
Availability of the new Developments

The innovations introduced here are included in the software component SAP_BASIS as of the following Support Packages:

- 7.02 SP21 (SAPKB70221)  RTC Nov 2018
- 7.31 SP23 (SAPKB73123)  RTC Aug 2018
- 7.40 SP20 (SAPKB74020)  RTC Aug 2018
- 7.50 SP11 (SAPK-75011INSAPBASIS)  RTC March 2018
- 7.51 SP06 (SAPK-75106INSAPBASIS)  RTC Apr 2018
- 7.52 SP02 (SAPK-75202INSAPBASIS)  RTC May 2018

A shipment via note is not possible due to technical restrictions
Further Information

Further information about the new USMM can be found here:

- In the program within the online documentation that can be accessed via the Help Icon.
- In the SAP Portal with the following link:
  
USMM History

In future, historical measurement data will also be available

- Similar to the LAW Info System, all stored measurements are displayed
- After selecting a measurement set, it is possible to:
  - Save the result locally as a XLM file
  - Display historical values of the additional check (Multiple Logon etc.)
USMM History

If the option *Save User Data* was active during the measurement, the following options are offered:

- Save the LAW file of that measurement locally
- Display user data of the measurement
USMM History

The user details of the historical measurements can be selected
USMM History

If no user details were saved the option will not be visible and also no LAW file can be created
Availability of further innovations

The USMM History will be available from the following Support Packages in the software component SAP_BASIS:

- 7.02 SP22 (SAPKB70222)   RTC Nov 2019
- 7.31 SP25 (SAPKB73125)   RTC July 2019
- 7.40 SP22 (SAPKB74022)   RTC July 2019
- 7.50 SP15 (SAPK-75015INSAPBASIS)   RTC June 2019
- 7.51 SP08 (SAPK-75108INSAPBASIS)   RTC April 2019
- 7.52 SP04 (SAPK-75204INSAPBASIS)   RTC April 2019
- 7.53 SP02 (SAPK-75302INSAPBASIS)   RTC June 2019
Digital Access Report

The measurement of the Digital Access Documents is not part of the standard measurement for the time being. In order to still have an overview of the values, a separate report can be executed, which calls the measurement function modules and displays measured values.

- The functionality is started by the transaction RSUVM_DAC or the execution of a report with the same name
- The period of the measurement can be chosen
- The last results are displayed
- If a new measurement is started the old results will be overwritten
## Digital Access Report

<table>
<thead>
<tr>
<th>Appl</th>
<th>Name der Applikation</th>
<th>Einh.</th>
<th>Name der Metrik</th>
<th>Start Datum</th>
<th>End Datum</th>
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<td>4031</td>
<td>Sales Order Line Item (in K)</td>
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Availability of further innovations

The Digital Access Report RSUVM_DAC will be available from the following Support Packages in the software component SAP_BASIS:

- 7.02 SP22 (SAPKB70222) RTC Nov 2019
- 7.31 SP26 (SAPKB73126) RTC planned for Jan 2020
- 7.40 SP23 (SAPKB74023) RTC planned for Jan 2020
- 7.50 SP17 (SAPK-75017INSAPBASIS) RTC planned for Feb 2020
- 7.51 SP09 (SAPK-75109INSAPBASIS) RTC Nov 2019 (with note 2828650)
- 7.52 SP05 (SAPK-75205INSAPBASIS) RTC Okt 2019 (with note 2828650)
- 7.53 SP04 (SAPK-75304INSAPBASIS) RTC planned for April 2020
- 7.54 SP01 (SAPK-75401INSAPBASIS) RTC n.n.
Thanks for your interest!

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