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## TDS 4.2

Release Note
Artifactory 6.23.28 released
Confluence 7.12.5 released
Jira 8.19.0 released
Last access of users is now visible in portal user lists. It is last access of user detected via TDS SSO or LDAP authentication or external authentication like AzureAD.
Subversion WebSVN files download functionality fixed.

## TDS 4.1

Release Note
Gitlab 13.12.8 released

## TDS 4.0

Release Note
Fixes and improvements of admin and owner roles on area and project level.

## TDS 3.2.2.4

Release Note
Bitbucket Apache requests limits fixed
Bitbucket, Confluence and Jira plugins were updated to latest versions (2021-05-19)
Bitbucket, Confluence and Jira plugins were updated to latest versions (2021-06-19)
Each TDS portal now contains link to TDS status page where updates during outages of TDS core infrastructure could be found and might help users to understand why there might be something wrong with their service if they face some issues.
TDS Portal with backend - more reliable resources enabling and server deploys, reliable server status handling and fixing functionalities in server settings page, improved certificate management, TDS puppet agents cleaned from all servers

### TDS 3.2.2.3

Release Note
Bitbucket 7.12.1 released
Jira, Confluence and some internal TDS services now accept TLS 1.2 with most secure ciphers + TLS 1.3 with usual ciphers + HSTS enforced. This makes security stronger, however some older clients might be affected. Anyone affected shall consider updating browsers, Java, installing latest system updates to avoid issues.
New servers will use GPT partition layout and therefore can utilise 2TB+ storage which was limit until nowadays.

### TDS 3.2.2.2

Release Note
Added CSV formatted user lists into every user listing in portal. It is useful for exporting users for auditing or migration purposes.
Confluence 7.12.0 released
Jira 8.16.1 released
Possibility to define server alias and wildcard alias have been added in server settings.
Re-trigger server orchestration functionality improved and possibility to clear queued orchestration actions added into server settings.

### TDS 3.2.1.9

Release note
Artifactory 6.23 released
TDS portal and identity graphics and links were updated with latest TietoEvry resources
Support for ssh-ed25519 SSH keys added into TDS user profile and for service account project detail view.

### TDS 3.2.1.8

Release note
Confluence 7.8.3 released
Jira 8.13.1 released

### TDS 3.2.1.7

Release note
Confluence 7.8.1 released
Jira 8.13.0 released

### TDS 3.2.1.6

<b>Release Note</b>
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Gitlab 12.10.14 released
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### TDS 3.2.1.5

<b>Release Note</b>
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Introducing new optional script field to provide script that shall be run after server deployment from store. Faster portal responses when infrastructure operations are called, for example server deployment is faster. User management is executed instantly.
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### TDS 3.2.1.4

<b>Release Note</b>
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Removing user from area removes user from TDS portal completely as an auto-cleanup security feature when he is not member of other area anymore.
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Portal front-end performance has been improved.
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### TDS 3.2.1.3

<b>Release Note</b>
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SaaS Jira 8.8.1 released
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### TDS 3.2.1.2

<b>Release Note</b>
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Billing improvements including possibility to evenly split costs of shared services among projects utilising such related services.
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### TDS 3.2.1.1

<b>Release Note</b>
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Gitlab 12.7.5 released
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Bitbucket 6.10.0 with Elasticsearch fix released
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### TDS 3.2.1.0

<b>Release Note</b>
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Bitbucket 6.10.0 released
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Gitlab 12.6.3 released
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### TDS 3.2.0.9

<b>Release Note</b>
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Confluence 7.2.0 released
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### TDS 3.2.0.8

<b>Release Note</b>
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Artifactory SaaS upgraded to 6.16.0
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### TDS 3.2.0.7

Release Note
Gitlab SaaS upgraded to v12.3.1
Jira SaaS upgraded to version 8.5.1
Fixed issues with web IDE in Gitlab SaaS
SaaS entities removal button is now visible for end-users with proper permissions

### TDS 3.2.0.6

Release Notes
Bitbucket SaaS upgraded to v6.4.3
Confluence SaaS upgraded to v7.0.1
Gitlab SaaS upgraded to v11.11.8
Jira SaaS upgraded to v8.4.1

### TDS 3.2.0.5

Release Notes
Minor bug fixes

### TDS 3.2.0.4

Release Notes
New servers deployed in TDS Portal now have public IP visible in connection info
Fixed issue where project owner in TDS Portal was unable to change roles of other project members
Fixed issue where server admin could remove admin role from server owner in TDS Portal
Fixed issue where server admin was able to change server capacity in TDS Portal
Fixed issue where server owner with project server role could not perform any actions on server in TDS Portal
Fixed issue where user lost admin role in Artifactory after creating entity via TDS Portal
Fixed issue where user who created Windows server in TDS Portal was not visible in the server user list
Fixed issue where user with reader role on project level in TDS Portal could not refresh list of applications or servers
Fixed issue with adding users to Windows server in TDS Portal
Fixed issue with incorrect information display in user list for Windows servers in TDS Portal
Fixed issue with incorrect username displayed for actions in project log in TDS Portal
Fixed issue with linking external application in TDS Portal
Fixed issue with removing admin role on server in TDS Portal
Improved performance when user's role is changed in TDS Portal while mass user management is enabled

### TDS 3.2.0.3

Release Notes
Confluence SaaS upgraded to v6.15.9 (mitigates security issue CVE-2019-3394)

### TDS 3.2.0.2

Release Notes
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Minor bug fixes

## TDS 3.2.0.1

### Release Notes

Fixed issues with Jira user count displayed in TDS Portal

## TDS 3.2

### Release Notes

BitBucket SaaS upgraded to v6.4.1

Updated design of TDS login page when ADFS provider is used

Fixed visibility of builds in Artifactory SaaS

## TDS 3.1.0.6

### Release Notes

Jira SaaS upgraded to v7.13.5 (mitigates security issue CVE-2019-11581)

## TDS 3.1.0.5

### Release Notes

Minor bug fixes

## TDS 3.1.0.4

### Release Notes

Fixed issues with personal access tokens in Gitlab SaaS

## TDS 3.1.0.3

### Release Notes

Confluence SaaS upgraded to v6.14.3 (mitigates security issue CVE-2019-3398)

## TDS 3.1.0.2

### Release Notes

Confluence SaaS upgraded to v6.14.2 (mitigates security issues CVE-2019-3395 and CVE-2019-3396)

## TDS 3.1.0.1

### Release Notes

Minor bug fixes

## TDS 3.1

### Release Notes

Added feedback page link to TDS login page

Added option to define default user role on customer area and project level in TDS portal

Added option to display all existing projects under customer area in TDS portal for users with area owner or admin role
Added option to display projects that user is/isn't member of under customer are in TDS portal for users with owner and admin role
Artifactory SaaS upgraded to v6.6.3
Changes of user roles in TDS Portal are now propagated to SaaS services if mass user management is turned on
Fixed issues with repository cloning when SSO is enabled in Gitlab SaaS
Gitlab SaaS upgraded to v11.5.6
Jira SaaS upgraded to v7.13.0
Sorted roles displayed in user lists in TDS portal to better show their increasing level of privileges

### TDS 3.0.2.3

<b>Release Notes</b>
Fixed issues with removed ssh keys from TDS Portal

### TDS 3.0.2.2

<b>Release Notes</b>
Minor bug fixes

### TDS 3.0.2.1

<b>Release Notes</b>
Minor bug fixes

### TDS 3.0.2

<b>Release Notes</b>
Added login/logout button to SVN web
Added new SSO for Gitlab SaaS
Bitbucket SaaS upgraded to v5.15.0
Fixed issues with deleting docker repository in Artifactory SaaS
Fixed issues with publishing scoped packages to npm repository in Artifactory SaaS

### TDS 3.0.1.1

<b>Release Notes</b>
Fixed issues with adding service account to SaaS service

### TDS 3.0.1

<b>Release Notes</b>
Added new SSO for TDS Portal
Changed default project role in TDS Portal to User
Fixed link to privacy statement in TDS Portal

### TDS 3.0

#### Release Notes

Added new SSO for selected TDS SaaS applications (Jira, Confluence, Bitbucket, SVN)

Added option to create servers with dashes in hostname

TDS SaaS Confluence upgraded to v6.11.2

TDS SaaS Gitlab upgraded to v10.8.7

### TDS 2.8.0.1

#### Release Notes

Minor bug fixes

### TDS 2.8

#### Release Notes

Added Reader role to TDS Portal

Added option to create SaaS services with read-only anonymous access in all TDS SaaS applications

### TDS 2.7.2.1

#### Release Notes

Minor bug fixes

### TDS 2.7.2

#### Release Notes

Moved Feedback and Help Center links in TDS Portal from page footer to buttons in left side menu and profile menu

Removed option to add custom security groups in TDS Portal. Each server has its own security group created automatically.

### TDS 2.7.1.1

#### Release Notes

Added support for dashes in entity names for Artifactory, Bitbucket, SeedDMS and SVN

### TDS 2.7.1

#### Release Notes

TDS Jira SaaS upgraded to v7.9.2

Removed TDS SaaS Easy Project, SonarQube and Testlink from TDS store (existing instances are not affected)

### TDS 2.7

#### Release Notes

Added Windows Server 2016 to TDS store in private instances

Removed option to select LDAP authentication for new servers

### TDS 2.6.2.1

#### Release Notes



Added support for subgroups to Gitlab SaaS, repositories can now be created in different (even nested) subgroups

Updated password policy for service accounts to be the same as for regular user accounts

## TDS 2.6.2

### Release Notes

Added option to download personal data from TDS portal in PDF or vCard format

Additional repository types enabled for Artifactory SaaS (Git LFS, Helm, Ivy, Ruby Gems, Bower, Vagrant, Chef, CocoaPods, sbt, Opkg, PyPI, Conan, PHP Composer)

Option to request virtual resources is now disabled by default when creating project in TDS portal

Fixed issue with reusable password reset links sent from TDS portal

## TDS 2.6.1.2

### Release Notes

Fixed issue with missing menu items in TDS portal

## TDS 2.6.1

### Release Notes

Added Windows Server 2016 in TDS public store

Enhanced ssh key support. Supported ssh keys: ssh-rsa, ssh-dsa, ssh-ecdsa

Import of multiple user to TDS using csv file in admin section

Registration of external users supported in TDS with enabled AD

TDS SaaS Artifactory upgraded to v5.10.1

Ubuntu 16.04 image updated to the latest version  
Centos 7 image updated to the latest version

Due to implementation of new features, it is possible that users will loose some of SaaS favorites in project dashboard in TDS portal. Newly added favorites will not be affected.

## TDS 2.6.0.1

### Release Notes

Special characters enabled in username

## TDS 2.6

### Release Notes

Easy user searching in user list

Sorting and filtering of users using names or roles

Support of SonarQube plugins using update center

TDS GitLab SaaS upgraded to v10.

## TDS 2.5.2

### Release Notes

Added info to registration form about personal data usage

TDS Bitbucket SaaS upgraded to v5.7.

## TDS 2.5.1.1

Release Notes
Added user view of his personal data stored in TDS

## TDS 2.5.1

Release Notes
Added description of backup image in Storage view
Disabled using of password to ssh service on servers with ssh key authentication
Removed server logs after retention period
TDS Confluence SaaS upgraded to v6.5.2
TDS GitLab SaaS upgraded to v9.5.6
TDS Jira SaaS upgraded to v7.6.2

## TDS 2.5

Release Notes
Updated Jira and Confluence plugins
User can enable/disable in his profile view of his personal data items in portal
SaaS user's personal data pseudonymization
Server backup tab to enable/disable daily server backup
Take-over for migration of 3rd party Atlassian project to TDS
Custom invoice line period
TDS status page link visible in portal

## TDS 2.4.1

Release Notes
Only necessary ports open after server deployment
Service catalogue visible in project without cloud resources
TDS DB backups encrypted

## TDS 2.4

Release Notes
Added verification of backup data integrity
Admin can get statistics of users in Custore Area and portal
Artifactory automated deployment
Customer can use his dedicated DNS subdomain
EasyProject automated deployment
Identity service is accessed directly using single TDS host

Improved LDAP authentication security
Management of user retention periods added
Pseudonymized personal data, when user is removed from TDS
TDS store content visible even without project cloud resources
reader role added to all TDS SaaS apps

### TDS 2.3.2

<b>Release Notes</b>
BitBucket added to TDS SaaS store
EasyProject added to TDS SaaS store
TDS demo sandbox released on <a href="http://demo.tds.tieto.com">demo.tds.tieto.com</a>

### TDS 2.3.1

<b>Release Notes</b>
Automated billing summary report
Delete user from TDS portal and all SaaS
Improved TDS mobile view.
TDS SaaS Confluence updated to v6.3.1
added Portal Owner role responsible for role modifications

### TDS 2.3

<b>Release Notes</b>
Adding of cloud resources to TDS project using TDS portal
Automated ssl protected web services in TDS apps (Jenkins, Gerrit, Mattermost, SonarQube)
Improved TDS mobile view.
Multiple service account support in TDS project
OS license billing in customer invoice
Project dashboard in TDS portal.
Server rescue feature for server instances created from volume.
TDS Mattermost app with ssl web service
TDS SonarQube app with ssl web service
Updated ssh key is updated on all used servers.
Idaps protocol used on TDS apps

### TDS 2.2.2

<b>Release Notes</b>
Security rule can be deleted or modified.
SeedDMS added to TDS SaaS store

## TDS 2.2.1

Release Notes
Charts optimized for small screens
Invoicing of portal users
Last login date and time in SaaS in user view
OS license billing in customer invoice
Release Notes visible from portal

## TDS 2.2.0

Release Notes
SaaS admin role is added to user, who created SaaS service
Support for deployment of Sonar with PostgreSQL OR Oracle MySQL databases
TestLink added to SaaS store
User role modification in user view
User added to project can be automatically added to all project SaaS services
User mass management for SaaS
User profile view modification

## TDS 2.1

Release Notes
SaaS description details added
Secure email agent

## TDS 2.0

Release Notes
Automated tenant creation (CC)
Confluence added to SaaS
Content voting feature
Improved navigation bar
Mattermost in Apps
Service account in Project
TDS secondary DNS server

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### TDS 3.2.0.9

Release Note
Confluence 7.2.0 released

### TDS 3.2.0.8

Release Note
Artifactory SaaS upgraded to 6.16.0

### TDS 3.2.0.7

Release Note
Gitlab SaaS upgraded to v12.3.1
Jira SaaS upgraded to version 8.5.1
Fixed issues with web IDE in Gitlab SaaS
SaaS entities removal button is now visible for end-users with proper permissions

### TDS 3.2.0.6

Release Notes
Bitbucket SaaS upgraded to v6.4.3
Confluence SaaS upgraded to v7.0.1

Gitlab SaaS upgraded to v11.11.8
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Jira SaaS upgraded to v8.4.1
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## TDS 3.2.0.5

<b>Release Notes</b>
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Minor bug fixes
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## TDS 3.2.0.4

<b>Release Notes</b>
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New servers deployed in TDS Portal now have public IP visible in connection info
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Fixed issue where project owner in TDS Portal was unable to change roles of other project members
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Fixed issue where server admin could remove admin role from server owner in TDS Portal
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Fixed issue where server admin was able to change server capacity in TDS Portal
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Fixed issue where server owner with project server role could not perform any actions on server in TDS Portal
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Fixed issue where user lost admin role in Artifactory after creating entity via TDS Portal
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Fixed issue where user who created Windows server in TDS Portal was not visible in the server user list
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Fixed issue where user with reader role on project level in TDS Portal could not refresh list of applications or servers
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Fixed issue with adding users to Windows server in TDS Portal
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Fixed issue with incorrect information display in user list for Windows servers in TDS Portal
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Fixed issue with incorrect username displayed for actions in project log in TDS Portal
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Fixed issue with linking external application in TDS Portal
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Fixed issue with removing admin role on server in TDS Portal
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Improved performance when user's role is changed in TDS Portal while mass user management is enabled
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## TDS 3.2.0.3

<b>Release Notes</b>
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Confluence SaaS upgraded to v6.15.9 (mitigates security issue CVE-2019-3394)
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## TDS 3.2.0.2

<b>Release Notes</b>
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Minor bug fixes
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## TDS 3.2.0.1

<b>Release Notes</b>
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Fixed issues with Jira user count displayed in TDS Portal
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## TDS 3.2

<b>Release Notes</b>
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BitBucket SaaS upgraded to v6.4.1
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Updated design of TDS login page when ADFS provider is used
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Fixed visibility of builds in Artifactory SaaS

### TDS 3.1.0.6

#### Release Notes

Jira SaaS upgraded to v7.13.5 (mitigates security issue CVE-2019-11581)

### TDS 3.1.0.5

#### Release Notes

Minor bug fixes

### TDS 3.1.0.4

#### Release Notes

Fixed issues with personal access tokens in Gitlab SaaS

### TDS 3.1.0.3

#### Release Notes

Confluence SaaS upgraded to v6.14.3 (mitigates security issue CVE-2019-3398)

### TDS 3.1.0.2

#### Release Notes

Confluence SaaS upgraded to v6.14.2 (mitigates security issues CVE-2019-3395 and CVE-2019-3396)

### TDS 3.1.0.1

#### Release Notes

Minor bug fixes

### TDS 3.1

#### Release Notes

Added feedback page link to TDS login page

Added option to define default user role on customer area and project level in TDS portal

Added option to display all existing projects under customer area in TDS portal for users with area owner or admin role

Added option to display projects that user is/isn't member of under customer area in TDS portal for users with owner and admin role

Artifactory SaaS upgraded to v6.6.3

Changes of user roles in TDS Portal are now propagated to SaaS services if mass user management is turned on

Fixed issues with repository cloning when SSO is enabled in Gitlab SaaS

Gitlab SaaS upgraded to v11.5.6

Jira SaaS upgraded to v7.13.0

Sorted roles displayed in user lists in TDS portal to better show their increasing level of privileges

### TDS 3.0.2.3



<b>Release Notes</b>
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Fixed issues with removed ssh keys from TDS Portal
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### TDS 3.0.2.2

<b>Release Notes</b>
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Minor bug fixes
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### TDS 3.0.2.1

<b>Release Notes</b>
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Minor bug fixes
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### TDS 3.0.2

<b>Release Notes</b>
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Added login/logout button to SVN web
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Added new SSO for Gitlab SaaS
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Bitbucket SaaS upgraded to v5.15.0
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Fixed issues with deleting docker repository in Artifactory SaaS
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Fixed issues with publishing scoped packages to npm repository in Artifactory SaaS
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### TDS 3.0.1.1

<b>Release Notes</b>
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Fixed issues with adding service account to SaaS service
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### TDS 3.0.1

<b>Release Notes</b>
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Added new SSO for TDS Portal
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Changed default project role in TDS Portal to User
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Fixed link to privacy statement in TDS Portal
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### TDS 3.0

<b>Release Notes</b>
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Added new SSO for selected TDS SaaS applications (Jira, Confluence, Bitbucket, SVN)
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Added option to create servers with dashes in hostname
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TDS SaaS Confluence upgraded to v6.11.2
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TDS SaaS Gitlab upgraded to v10.8.7
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### TDS 2.8.0.1

<b>Release Notes</b>
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Minor bug fixes
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## TDS 2.8

Release Notes
Added Reader role to TDS Portal
Added option to create SaaS services with read-only anonymous access in all TDS SaaS applications

### TDS 2.7.2.1

Release Notes
Minor bug fixes

## TDS 2.7.2

Release Notes
Moved Feedback and Help Center links in TDS Portal from page footer to buttons in left side menu and profile menu
Removed option to add custom security groups in TDS Portal. Each server has its own security group created automatically.

### TDS 2.7.1.1

Release Notes
Added support for dashes in entity names for Artifactory, Bitbucket, SeedDMS and SVN

## TDS 2.7.1

Release Notes
TDS Jira SaaS upgraded to v7.9.2
Removed TDS SaaS Easy Project, SonarQube and Testlink from TDS store (existing instances are not affected)

## TDS 2.7

Release Notes
Added Windows Server 2016 to TDS store in private instances
Removed option to select LDAP authentication for new servers

### TDS 2.6.2.1

Release Notes
Added support for subgroups to Gitlab SaaS, repositories can now be created in different (even nested) subgroups
Updated password policy for service accounts to be the same as for regular user accounts

## TDS 2.6.2

Release Notes
Added option to download personal data from TDS portal in PDF or vCard format
Additional repository types enabled for Artifactory SaaS (Git LFS, Helm, Ivy, Ruby Gems, Bower, Vagrant, Chef, CocoaPods, sbt, Opkg, PyPI, Conan, PHP Composer)
Option to request virtual resources is now disabled by default when creating project in TDS portal
Fixed issue with reusable password reset links sent from TDS portal

## TDS 2.6.1.2

Release Notes
Fixed issue with missing menu items in TDS portal

## TDS 2.6.1

Release Notes
Added Windows Server 2016 in TDS public store
Enhanced ssh key support. Supported ssh keys: ssh-rsa, ssh-dsa, ssh-ecdsa
Import of multiple user to TDS using csv file in admin section
Registration of external users supported in TDS with enabled AD
TDS SaaS Artifactory upgraded to v5.10.1
Ubuntu 16.04 image updated to the latest version Centos 7 image upgated to the latest version
Due to implementation of new features, it is possible that users will loose some of SaaS favorites in project dashboard in TDS portal. Newly added favorites will not be affected.

## TDS 2.6.0.1

Release Notes
Special characters enabled in username

## TDS 2.6

Release Notes
Easy user searching in user list
Sorting and filtering of users using names or roles
Support of SonarQube plugins using update center
TDS GitLab SaaS upgraded to v10.

## TDS 2.5.2

Release Notes
Added info to registration form about personal data usage
TDS Bitbucket SaaS upgraded to v5.7.

## TDS 2.5.1.1

Release Notes
Added user view of his personal data stored in TDS

## TDS 2.5.1

Release Notes
Added description of backup image in Storage view
Disabled using of password to ssh service on servers with ssh key authentication
Removed server logs after retention period

TDS Confluence SaaS upgraded to v6.5.2
TDS GitLab SaaS upgraded to v9.5.6
TDS Jira SaaS upgraded to v7.6.2

## TDS 2.5

Release Notes
Updated Jira and Confluence plugins
User can enable/disable in his profile view of his personal data items in portal
SaaS user's personal data pseudonymization
Server backup tab to enable/disable daily server backup
Take-over for migration of 3rd party Atlassian project to TDS
Custom invoice line period
TDS status page link visible in portal

## TDS 2.4.1

Release Notes
Only necessary ports open after server deployment
Service catalogue visible in project without cloud resources
TDS DB backups encrypted

## TDS 2.4

Release Notes
Added verification of backup data integrity
Admin can get statistics of users in Custore Area and portal
Artifactory automated deployment
Customer can use his dedicated DNS subdomain
EasyProject automated deployment
Identity service is accessed directly using single TDS host
Improved LDAP authentication security
Management of user retention periods added
Pseudonymized personal data, when user is removed from TDS
TDS store content visible even without project cloud resources
reader role added to all TDS SaaS apps

## TDS 2.3.2

Release Notes
BitBucket added to TDS SaaS store
EasyProject added to TDS SaaS store

TDS demo sandbox released on [demo.tds.tieto.com](http://demo.tds.tieto.com)

## TDS 2.3.1

Release Notes
Automated billing summary report
Delete user from TDS portal and all SaaS
Improved TDS mobile view.
TDS SaaS Confluence updated to v6.3.1
added Portal Owner role responsible for role modifications

## TDS 2.3

Release Notes
Adding of cloud resources to TDS project using TDS portal
Automated ssl protected web services in TDS apps (Jenkins, Gerrit, Mattermost, SonarQube)
Improved TDS mobile view.
Multiple service account support in TDS project
OS license billing in customer invoice
Project dashboard in TDS portal.
Server rescue feature for server instances created from volume.
TDS Mattermost app with ssl web service
TDS SonarQube app with ssl web service
Updated ssh key is updated on all used servers.
Idaps protocol used on TDS apps

## TDS 2.2.2

Release Notes
Security rule can be deleted or modified.
SeedDMS added to TDS SaaS store

## TDS 2.2.1

Release Notes
Charts optimized for small screens
Invoicing of portal users
Last login date and time in SaaS in user view
OS license billing in customer invoice

Release Notes visible from portal

## TDS 2.2.0

Release Notes
SaaS admin role is added to user, who created SaaS service
Support for deployment of Sonar with PostgreSQL OR Oracle MySQL databases
TestLink added to SaaS store
User role modification in user view
User added to project can be automatically added to all project SaaS services
User mass management for SaaS
User profile view modification

## TDS 2.1

Release Notes
SaaS description details added
Secure email agent

## TDS 2.0

Release Notes
Automated tenant creation (CC)
Confluence added to SaaS
Content voting feature
Improved navigation bar
Mattermost in Apps
Service account in Project
TDS secondary DNS server