tietoevry

Tietoevry DevOps Space Delivery models

Product 126344

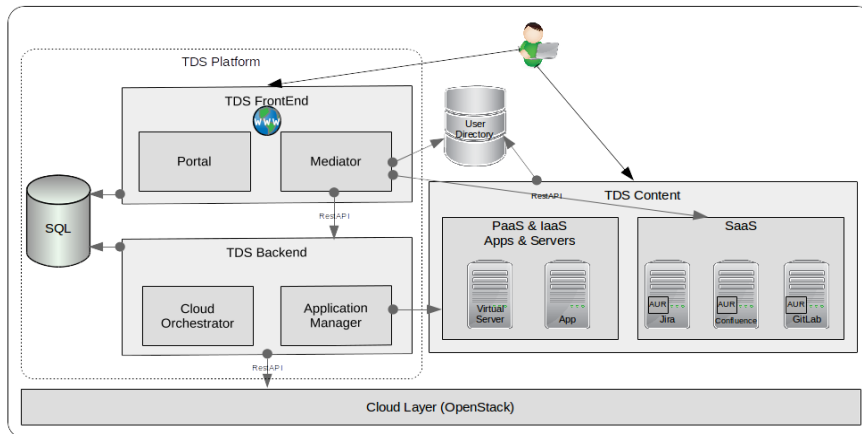# Table of Contents

Tietoevry DevOps Space delivery models

1 TDS Overview

- Self-service portal with development, operational and management tools
- Tools integration thanks to common user management
- SaaS (Software as a Service)
- Servers self-managed by user (IaaS)
- Apps self-managed by user (PaaS)
- Access control management

TDS Design Overview

1 TDS Frontend

- Web interface (Access using SSO)
- User management (SQL storage)
- Project management
- SaaS control
  - AUR RestAPI
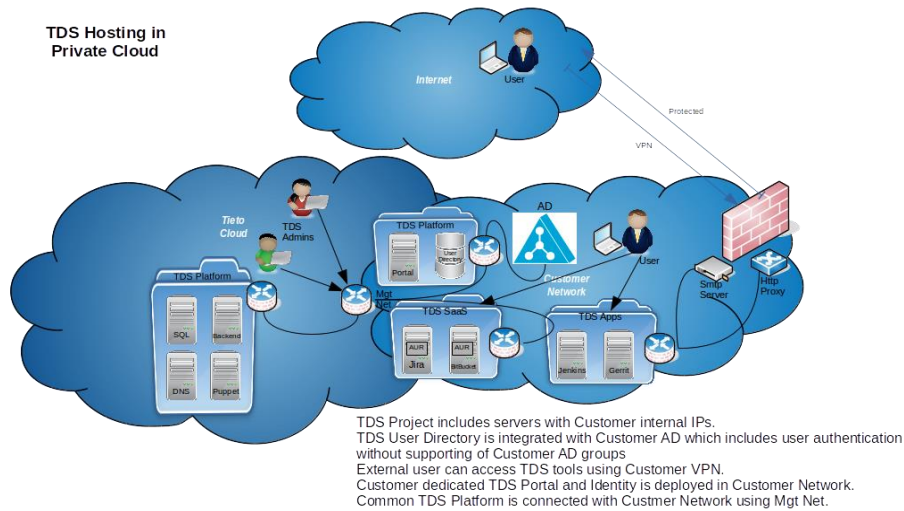- Backend control
  - Backend RestAPI

2 TDS Backend

- Cloud management (IaaS)
  - Servers
  - Network
- Backups
- DNS
- Certificates
- Apps management (PaaS)

3 TDS Content

- SaaS entity (project, repo, space, ...) management thanks to TDS AUR
- SaaS/PaaS user management

2 TDS Hosting in Private Cloud

TDS Project includes servers with Customer internal IPs.
TDS User Directory is integrated with Customer AD which includes user authentication
without supporting of Customer AD groups
External user can access TDS tools using Customer VPN.
Customer dedicated TDS Portal and Identity is deployed in Customer Network.
Common TDS Platform is connected with Custmer Network using Mgt Net.

1 TDS prerequisites Private Cloud with AD integration

TDS Customer provides

i) Networking

- Customer's network(s) specification which will be used to access TDS services (IP ranges)
- Customer's network IP pool for TDS servers
- Access to Internet from TDS IP pool outflow only (for example http_proxy)
- Port opening to Customer's DNS services, AD (LDAP) services and SMTP services

ii) DNS/Certificates

- Customer will delegate TDS DNS zone, for example tds.customer.com to TDS DNS service
- Customer will deliver his customer's privately rooted wild card certificate for his TDS DNS zone

iii) TDS access to customer's services

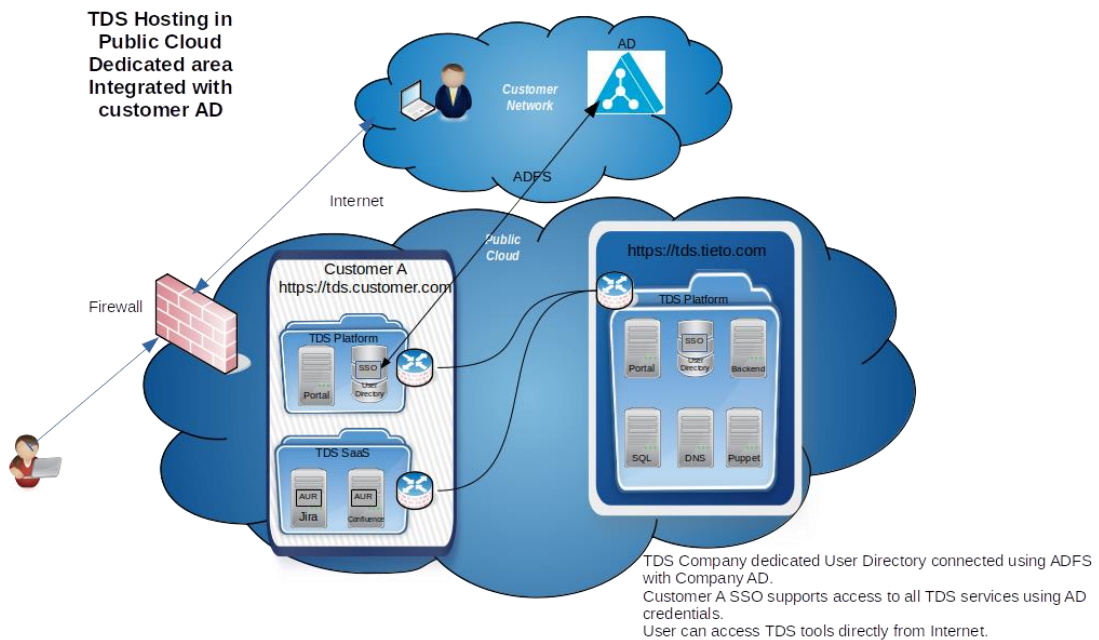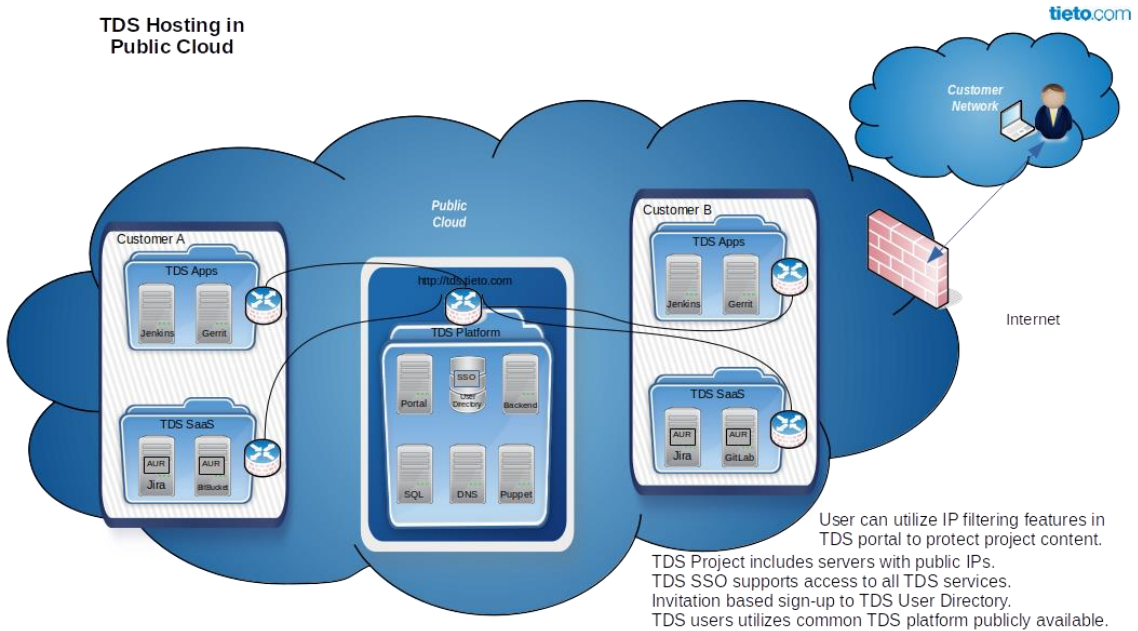Customer will provide access to the following services for TDS from TDS Customer's IP pool:

- Internet outflow

- SMTP including acceptance of TDS sender email for notification messages
- AD (LDAP) read access
- Customer Apps which should be migrated to TDS

iv) TDS and Customer builds together

- Lan2Lan connection between Customer's network and TDS Cloud network based on TDS Customer's IP pool

3   TDS Hosting in Public Cloud

TDS Hosting in Public Cloud

User can utilize IP filtering features in TDS portal to protect project content.
TDS Project includes servers with public IPs.
TDS SSO supports access to all TDS services.
Invitation based sign-up to TDS User Directory.
TDS users utilizes common TDS platform publicly available.

TDS Hosting in Public Cloud Dedicated area Integrated with customer AD

TDS Company dedicated User Directory connected using ADFS with Company AD.
Customer A SSO supports access to all TDS services using AD credentials.
User can access TDS tools directly from Internet.

4   TDS prerequisites Public & Private Cloud

TDS Customer provides

1   Identities, Access

- Customer name, billing address used in TDS portal
- Optionally for Public Cloud Customer's DNS domain/subdomain, which will be delegated to TDS DNS servers
- TDS Customer Area Owner identities (name, email)
- TDS Customer Area Billing identities (name, email)
- Customer's project name used in TDS portal
- TDS Customer Project Owner identities (name, email)
- Optionally – list of project users (name, email)
- List of Customer dedicated SaaS required in TDS portal