



# Lift & Shift

## Moving Maximo to the Cloud

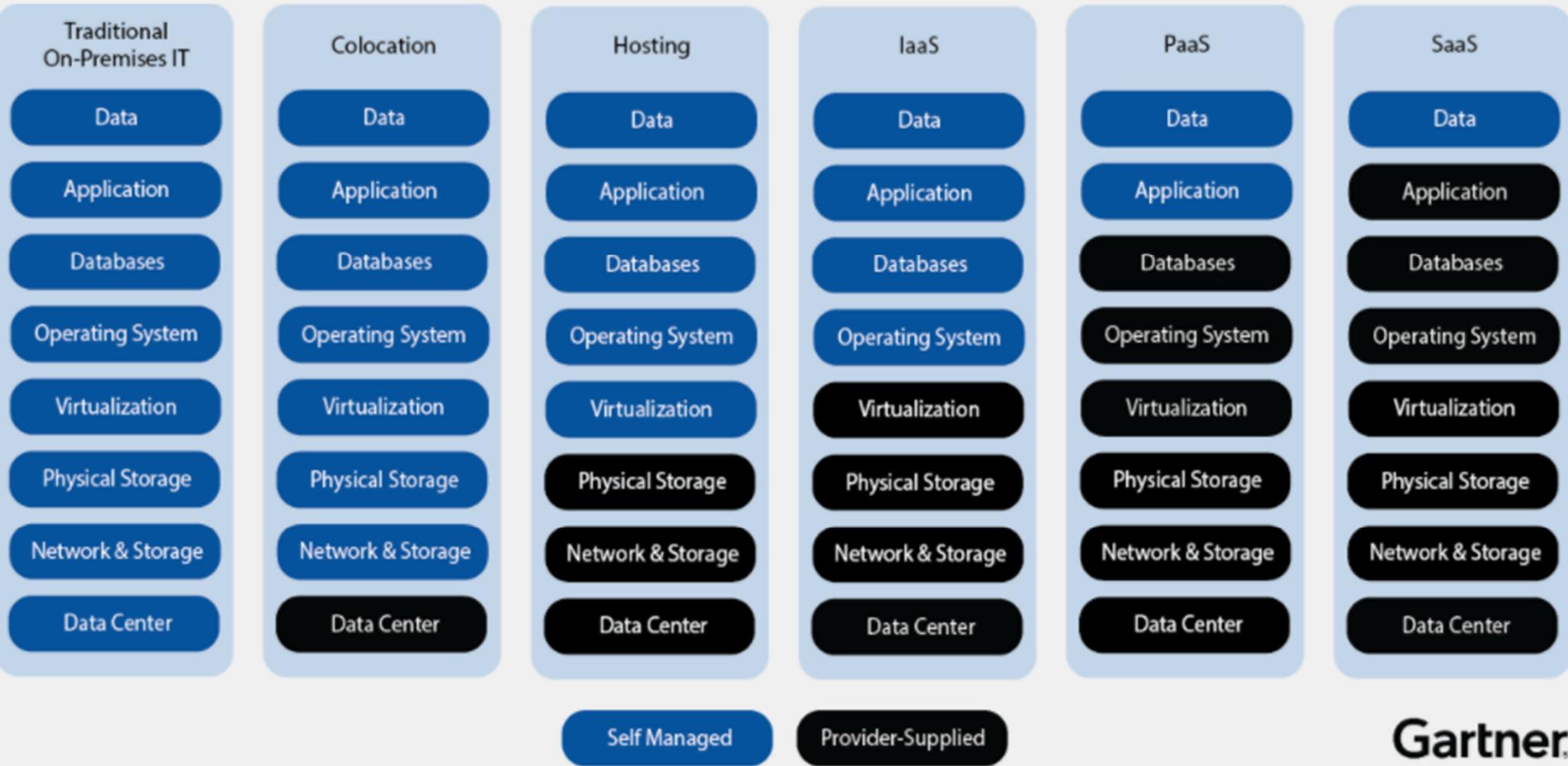


Maximo 7.6.1.1 and Tivoli09 skin

## Agenda

- SaaS is not Hosting – Intro to Basic differences
- What is Lift & Shift
- Preparing for the cloud
- Things that can move to the cloud
- Referenceable links

# SaaS is not Hosting – Intro to Basic Differences



## What is Lift & Shift

- Move of on-premise application to a cloud platform
- Like-for-like move with same application version in target cloud platform
- Benefits:
  - Minimizes change to users
  - Limiting amount of change limits risks
  - Faster time to value

## What is Projotech Lift & Shift

- A proven methodology for lift & shift of Maximo systems to our cloud platform
- After successful lift-and-shift, support and upgrade responsibilities transfer to Projotech
- Stay on current product without additional costs moving forward
- Lift & Shift supported for Maximo 7.5 and higher

## Preparing for Lift-and-Shift to Cloud

- Integrations – Document them fully
  - Focus on network protocols, ports and data flow direction.
  - New integrations: strive for HTTPS/REST API w/API Key
    - Secure public internet transmission eliminates the need for site-to-site VPN
- Projotech supported End Points:
  - HTTPS via REST or Web Services
  - Table (usually over VPN)
  - File (Flat or XML using SFTP for file transfer)
  - LDAP (usually over VPN)

## Preparing for Lift-and-Shift to Cloud

- Authentication – Adopt SAML
  - LDAP generally requires direct access to Active Directory (a big IT security risk)
  - SAML authentication is the new cloud standard
    - Multi-factor authentication can be leveraged with most SAML identity providers
  - Choose Mobile and add-ons that support SAML authentication
- Projotech Supports:
  - LDAP, SAML and Native

## Preparing for Lift-and-Shift to Cloud

- Maximo Configuration Standards – use best practices
  - Naming Standards are important
  - Good automation script writing – bad code is bad code, regardless of language
  - Avoid business logic in the database layer
    - Use Maximo Framework for Configurations and Integrations
- Projotech Support:
  - We support configurations of Maximo that adhere to known best practices
  - We do not support code at the database layer

## Things that can and should move to the cloud

- Maximo application data
  - Full database schema
    - The vast majority of Maximo configuration is contained in db
  - Linked Documents
- Maximo Customizations
  - Custom Java and controls
  - Custom libraries
- Mobile applications with server-side component
  - Maximo mobile applications generally perform better running beside Maximo

## Referenceable Links

- SaaS is not Hosting, Cloud vs. On Premises...

<https://www.projetechnology.com/maas/saas-vs-hosting>

- Projetechnology Lift & Shift:

<https://www.projetechnology.com/maas/ibm-maximo-lift-and-shift-to-cloud>

- Customization Standards

<https://tinyurl.com/MaximoCustomizationStandards>