



"the consolidated technology services agency -RCW 43.105.006"

Private Cloud Update

August 2016
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Customers

Current: UTC, PERC, DOH, DSHS, WATECH, ARTS, DAHP, L&I

Onboarding: Working with several agencies on Private Cloud Strategies



Service Roadmap

Initial Roll-Out

- Provision, change, snapshot, start and stop servers
- Agency network or the State Government Network
- Meets OCIO security standards
- Control of server-level firewalls = higher levels of protection
- 10Gbit networking included
- Anti-Virus/Anti-Malware
- Pay for what you use



Recent Improvements

2.0 Enhancements Delivered:

- **Disaster Recovery**
 - Provision and control servers in Quincy
 - Co-located with other WaTech services
 - (AD, Secure Access Washington, Backup and Recovery, Internet, etc.)
 - 10Gbit between Olympia and Quincy
- **Creation of Linux servers with RedHat and CentOS templates**
- **Provision servers that are Internet-facing**

Coming Soon!

A Look Into the Next Three to Four Months



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Planned Improvements

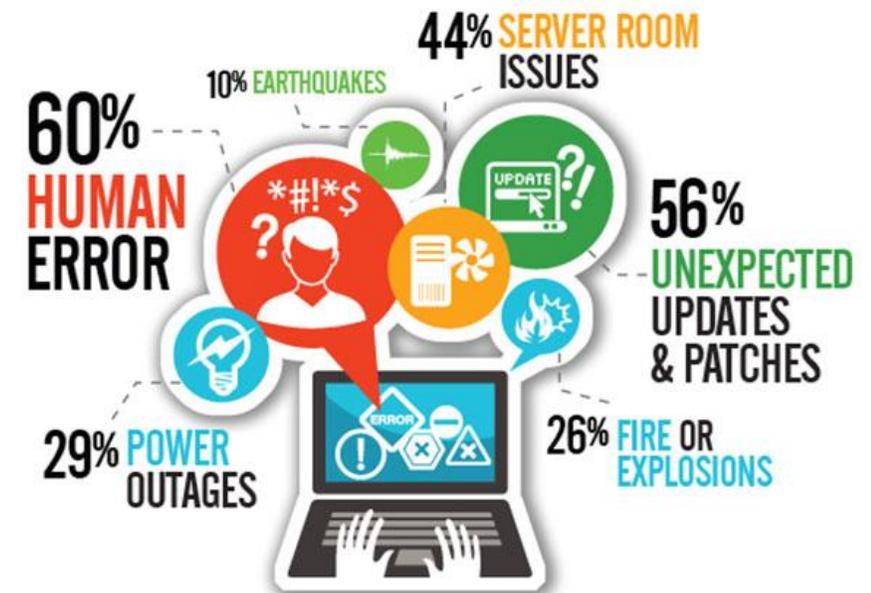
- October:
 - Template for building a SQL Server*
- November:
 - Avamar backup and recovery*
- December:
 - Simplified DR*

*Additional fees may apply for these enhanced services

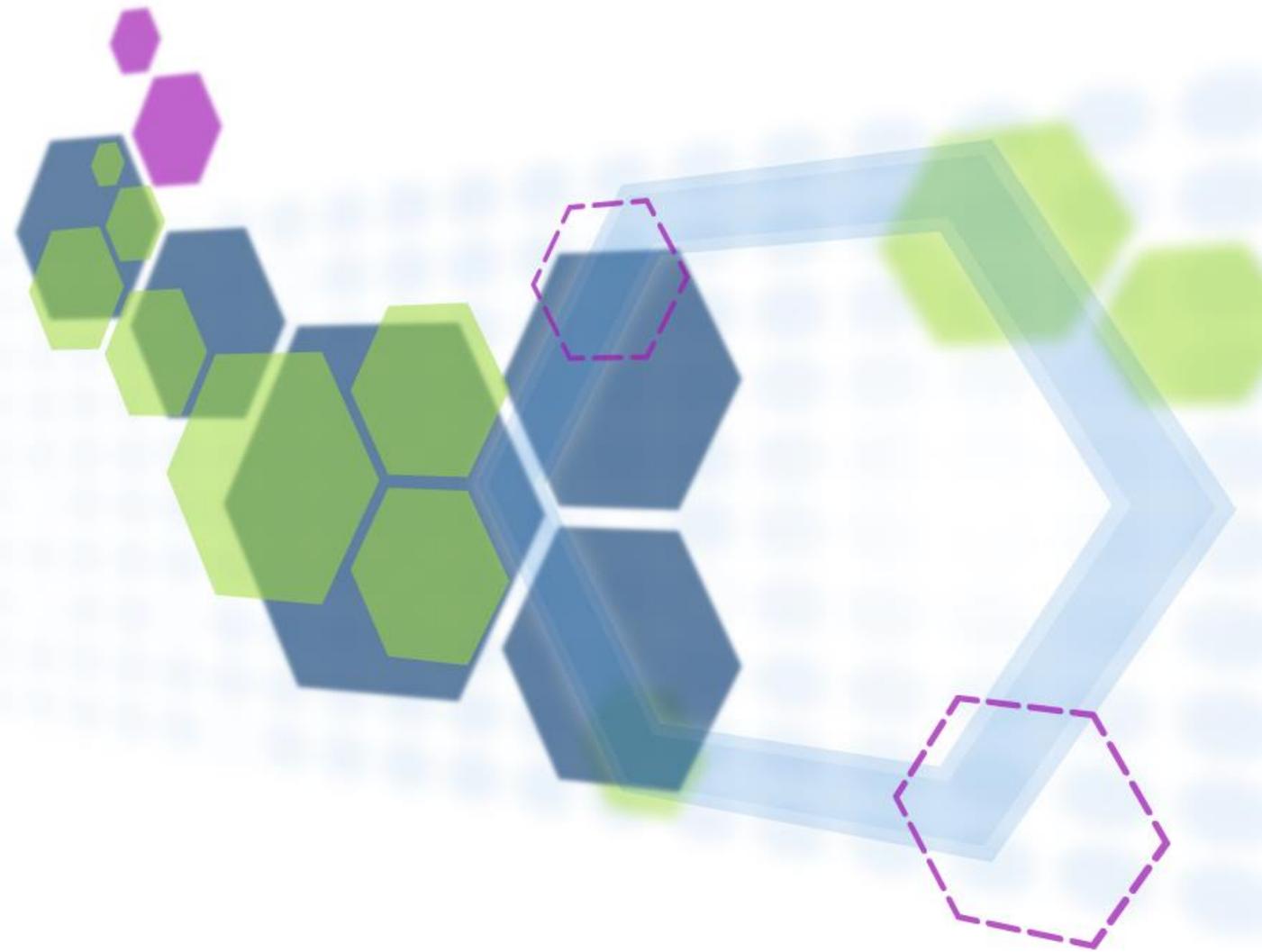


Simplified Disaster Recovery

- Testing in a private network at any time without interrupting replication
- Extend customer network to Quincy – no IP address changes means no DNS or firewall rule changes
- WaTech firewalls also replicated from Olympia to Quincy
- Fast recovery - 4 hour window



2017 Plans



2017 Plans

- Upgrade Private Cloud Portal Software
 - Increased functionality – constant client improvement
- Improved Security
 - Two-factor authentication
 - Encryption of entire Virtual Server
- Hardware Upgrades



Questions & Comments

