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Episode #71

# Site Improvements on a Budget

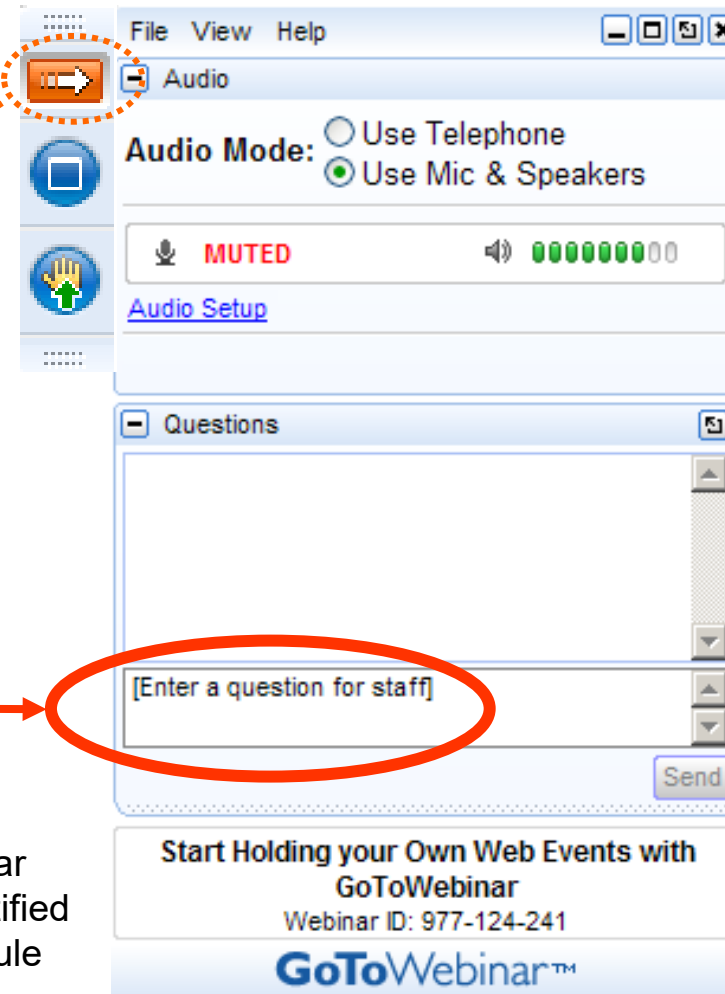
# Your questions please?

(if you don't see the control panel,  
click on the orange arrow icon to  
expand it)

Please enter your questions in the  
text box of the webinar control panel  
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# Advance Questions

There's never time to do it right, but there's always time to do it twice...

What's the worst radio station vehicle you've ever had to drive or outfit with equipment? In our case, it was a short bus.

When it comes to site repairs or cleaning - Trade can be your friend for jobs like mowing, tree clearing, painting, etc



# Groundskeeping







# Fix the temporary patches





# Housekeeping



# Keep It Cool



- Air Conditioners come in many shapes and sizes (and costs)
- Consider redundancy
  - Size air conditioners at just under the full building heat load and install two, in a main/alternate configuration
- Always take building and environmental heat load into effect. The transmitter, while the primary source of heat, will not be the ONLY source.
- Depending on location, security to protect outside units from copper thieves may be required.



# Airflow Considerations

- Airflow is also important
  - As much air as possible should flow through equipment
  - Don't defeat the purpose by reversing direction

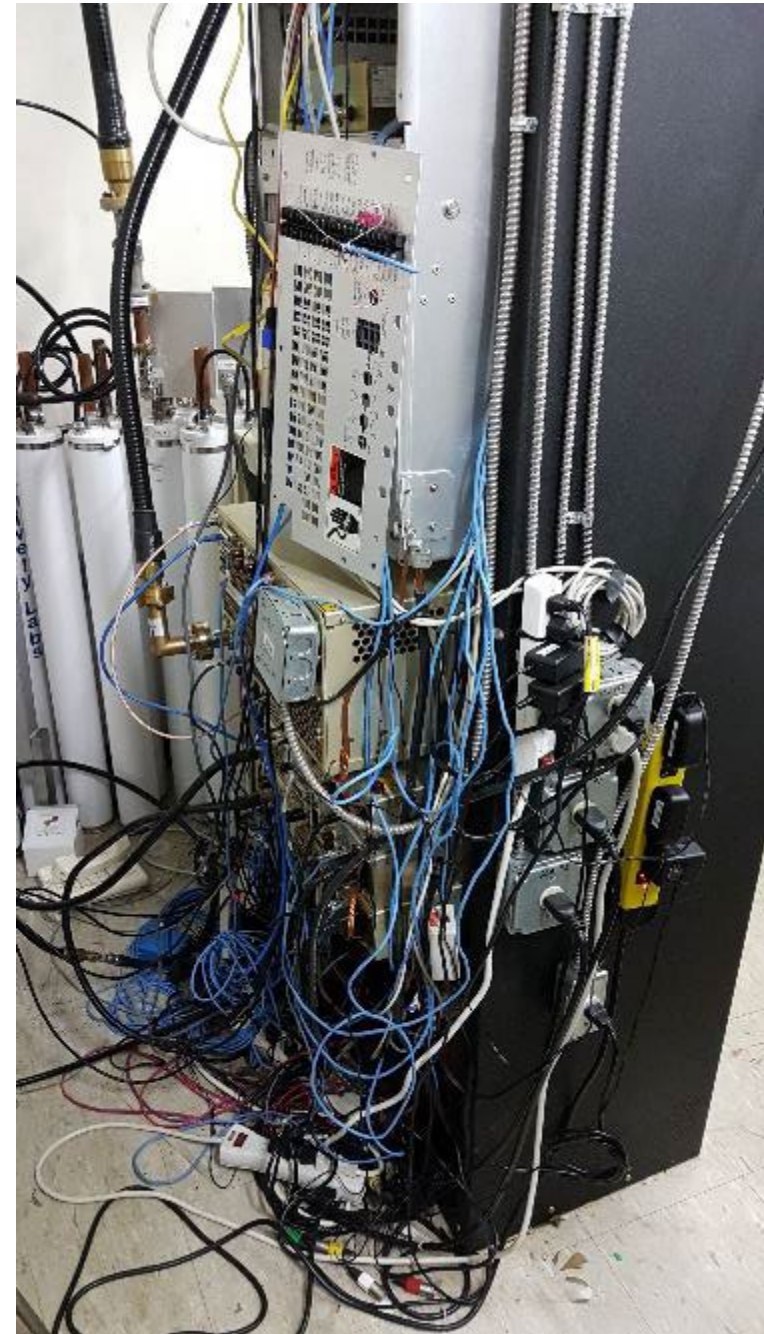


# Back-ups and STLs



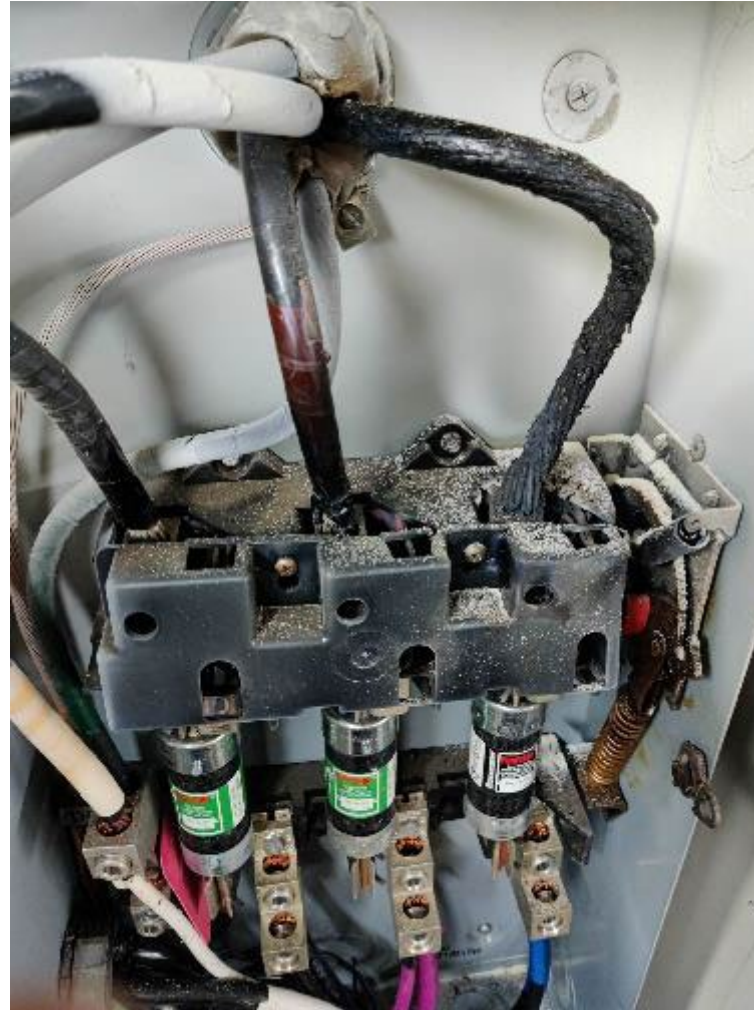


# Cable Management





# Thermal scans





# IT Security

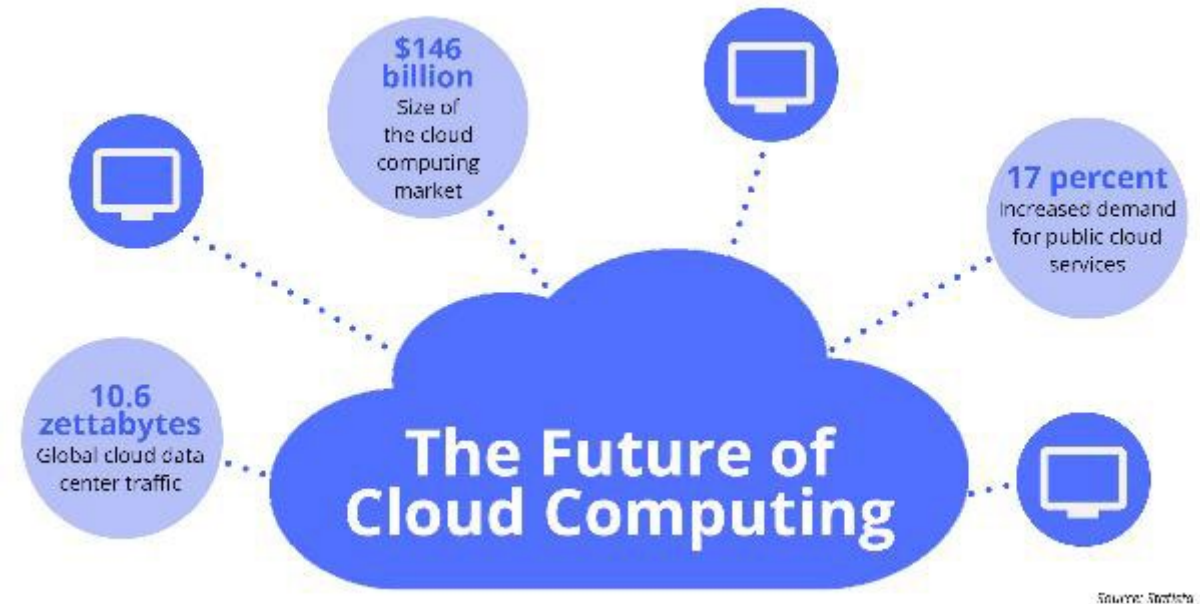
## Essential

- Change default logins
- Use strong passwords (paraphrases)
- Separate Admin & User accounts on hosts (WIN)
- Segment your network (VLAN) – create multi-layer security zones
- Use packet filtering to control host access (ACL and/or firewall)
- Disable un-used services – close ports not used
- Monitor you network – know what is normal
- Use secure access (SSH not telnet)
- Use VPN for off-site access
- Don't be a social engineering victim – educate users



# What is the “Cloud”?

- Virtualization vs Cloud based
  - Public cloud vs private
  - VMWare vs private server
  - On premises vs off prem
  - Security thoughts?
  - Redundancy discussion
  - How reliable is six 9s reliability if a backhoe cuts the fiber?



Source: <https://www.westagilelabs.com/blog/cloud-computing-is-the-future-of-enterprise-application-platform/>





Quick links ? FAQ

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... edited by Barry Mishkind - the Eclectic Engineer

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# THANK YOU!

