

Hardware Planning for our Sites

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Introduction



For our facilities, we have historically worked together loosely to find cost-effective configurations for computing and storage.

We used to have the Dell portal which gave us excellent pricing and lots of options for configuring systems. The portal disappeared quite a few years ago but we are in the process of trying to restore something with similar capability

Dell Portal



The portal has allowed us to fine tune what we need. The revived Dell portal has a few systems with limited config options ==>

- Many of the configs result in errors
- Many options are likely not needed

Dell has told us that they can deliver the best pricing with much less options

Standard Configurations				Make this my home page
<input type="checkbox"/>	*New Quote - Quote Review* R640 Quote Revenue	PowerEdge R640	PowerEdge	\$7,154.96
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<input type="checkbox"/>	*New Quote - Quote Review* PowerEdge R740	PowerEdge R740	PowerEdge	\$7,090.90
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<input type="checkbox"/>	*New Quote - Quote Review* PowerVault MD1400	Dell Storage MD1400 and MD1420	PowerVault Storage	\$5,131.79
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<input type="checkbox"/>	*New Quote - Quote Review* PowerVault MD3060e	PowerVault MD3060e	PowerVault Storage	\$23,270.10
Quick Specs				Customize & Buy Add to Cart
<input type="checkbox"/>	*New Quote - Quote Review* Dell EMC ME4084 Storage Array	powervault-me4084	PowerVault Storage	\$27,736.25
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<input type="checkbox"/>	*New Quote - Quote Review* Dell Networking S4048-ON	Dell EMC Networking S-Series 10GbE switches	Networking	\$3,896.28
Quick Specs				Customize & Buy Add to Cart
<input type="checkbox"/>	*New Quote - Quote Review* Dell Networking Z9100-ON	Dell Networking Z-Series	Networking	\$8,869.14
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How to Converge?



I would like to use this session to discuss what we can do to converge on a limited set of equipment that we would all be willing to purchase for our sites.

- What compute systems do we need?
- What storage systems do we need?
- What network systems do we need?
- Others?

For each of the above, what differences do we need to support in the configuration to make it work at each site?

Next Steps



We can use the rest of this time to discuss if this is even feasible.

I expect a possible outcome may be to create a group of those responsible for each site's yearly equipment purchasing to work together to develop a set of equipment and options that will meet the bulk of our needs for ATLAS purchases.

Let's discuss!!

Discussion Notes

