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## Winter 2011 ESCC IPv6 Deployment Status [Edit](#)

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### Response Summary

Total Started Survey: 10  
Total Completed Survey: 10 (100%)

PAGE: WINTER 2011 ESCC MEETING - SITE IPV6 STATUS

#### 1. Status of IPv6 peering with ESnet

[Create Chart](#) [Download](#)

	Response Percent	Response Count
Not in place & no immediate plans to do so	20.0%	2
Not in place, but plan to do so within 6 months	20.0%	2
IPv6 peering with ESnet already in place	60.0%	6
Other (elaborate below)	0.0%	0
	Comments <a href="#">Hide Responses</a>	4

- IPv6 peering in place using ESnet address space. However, this will be retired and the IPv6 effort restarted using address space directly assigned by ARIN. Wed, Jan 26, 2011 7:19 PM [Find...](#)
- Plan to dual stack IPv4/IPv6 on internet edge, peer with ESnet, enable dual stack on DMZ, and establish IPv6 firewall policies. Mon, Jan 24, 2011 6:20 PM [Find...](#)
- Not immediate, but will meet the DOE deadline. Delay is due to equipment replacement and capitalk costs Wed, Jan 19, 2011 8:46 AM [Find...](#)
- If we run IPv6 well want to be dual homed and this means we need a VIP address. Upon reading the policy from ARIN clearly legal department will not sign such a document. Is it possible that a DOE- wide agreement for number space could be negotiated with ARIN, or do we think the LAB Complex is too diverse for such an agreement to be doable. Tue, Jan 18, 2011 6:38 PM [Find...](#)

answered question 10  
skipped question 0

#### 2. Identify the best match for your current internal network infrastructure's IPv6 deployment status

[Create Chart](#) [Download](#)

	Response Percent	Response Count
answered question		10
skipped question		0

**2. Identify the best match for your current internal network infrastructure's IPv6 deployment status**

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No internal IPv6 network support	60.0%	6
Test/deployment environment only (no WAN access)	20.0%	2
Test/deployment environment only (with WAN access)	10.0%	1
Limited internal production network support	10.0%	1
Widespread internal production network support	0.0%	0
Other (elaborate below)	0.0%	0
	Comments	0
	<b>answered question</b>	<b>10</b>
	<b>skipped question</b>	<b>0</b>

**3. Identify the best match for your site's current planning efforts toward IPv6 deployment**

[Create Chart](#)

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	Response Percent	Response Count
No significant ongoing IPv6 planning effort	10.0%	1
Informal/ad hoc IPv6 planning effort	20.0%	2
Recognized as a project, but organized planning effort not in place	30.0%	3
Identified project, with organized planning effort	40.0%	4
Other (elaborate below)	0.0%	0
	Comments	2
	<a href="#">Hide Responses</a>	

- |  |                            |                         |
|--|----------------------------|-------------------------|
| 1. We're thinking about it but have no plan, nor have we even started a real plan. Ideally, we would like to make our border IPv6 and leave IPv4 internal. | Wed, Jan 26, 2011 11:46 AM | <a href="#">Find...</a> |
| 2. Awaiting a /36 address space.   | Tue, Jan 18, 2011 4:30 PM  | <a href="#">Find...</a> |

**answered question 10**  
**skipped question 0**

**4. List basic services accessible via IPv6 at your site**

[Create Chart](#)

[Download](#)

	Response Percent	Response Count
	<b>answered question</b>	<b>10</b>
	<b>skipped question</b>	<b>0</b>

**4. List basic services accessible via IPv6 at your site**

[Create Chart](#)

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None...	80.0%	8
E-Mail	0.0%	0
Public-facing web pages	0.0%	0
DNS	0.0%	0
Other (Identify in Comments)	20.0%	2

Comments:  
[Hide Responses](#) 2

- |   |                           |                         |
|---|---------------------------|-------------------------|
| 1. mirror.anl.gov Software distribution repository.   | Wed, Jan 26, 2011 9:17 AM | <a href="#">Find...</a> |
| 2. We have some services that are not essential operations based. Video and we research web site. | Tue, Jan 18, 2011 6:38 PM | <a href="#">Find...</a> |

answered question 10  
skipped question 0

**5. List all areas within the scope of your current IPv6 deployment planning**

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	Response Percent	Response Count
Haven't started any IPv6 deployment planning yet	40.0%	4
Network infrastructure & staff	60.0%	6
Computer Security infrastructure & staff	50.0%	5
Systems support & staff	30.0%	3
Applications support & staff	20.0%	2
Other (elaborate below)	0.0%	0

Comments  
[Hide Responses](#) 1

- |   |                            |                         |
|---|----------------------------|-------------------------|
| 1. Should we get a plan going, it will include all the above. | Wed, Jan 26, 2011 11:46 AM | <a href="#">Find...</a> |
|---|----------------------------|-------------------------|

answered question 10  
skipped question 0

**6. Classify the level of management's involvement in your site's IPv6 deployment planning?**

answered question 10  
[Create Chart](#)  
skipped question 0

[Download](#)  
0

**6. Classify the level of management's involvement in your site's IPv6 deployment planning?**

[Create Chart](#)

[Download](#)

	Response Percent	Response Count
Not on their radar yet	20.0%	2
Aware of the potential requirements, but not actively engaged	40.0%	4
Actively engaged in the issue	40.0%	4
Other (elaborate below)	0.0%	0
	Comments <a href="#">Hide Responses</a>	1

1. First level of lower management is aware of the potential requirements but has not trickled up the food chain.

Wed, Jan 26, 2011 11:46 AM

[Find...](#)

answered question **10**  
skipped question **0**

**7. Characterize your site's planning for the pending DOE public-facing services data call**

[Create Chart](#)

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	Response Percent	Response Count
Not aware of pending data call	0.0%	0
Aware of pending data call, but haven't initiated any preparation	60.0%	6
Discussing what your site's public-facing services are	20.0%	2
Identifying public-facing servers	20.0%	2
Other (elaborate below)	0.0%	0
	Comments:	0

answered question **10**  
skipped question **0**

**8. What IPv6 issues/concerns would you like to see brought up at the upcoming ESCC meeting?**

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	Response Count
<a href="#">Hide Responses</a>	8
answered question	8
skipped question	2

**8. What IPv6 issues/concerns would you like to see brought up at the upcoming ESCC meeting?**[Download](#)

1.	List of recommended technical references; lessons learned from sites that are actively deploying IPv6 (including level-of-effort estimates).	Wed, Jan 26, 2011 7:19 PM	<a href="#">Find...</a>
2.	Possibility of a 'how-to' doc based on learned experiences of advanced sites. Maybe it already exists?? :-}	Wed, Jan 26, 2011 11:46 AM	<a href="#">Find...</a>
3.	Cyber Security viewpoint.	Wed, Jan 26, 2011 9:17 AM	<a href="#">Find...</a>
4.	Currently lacks guidance on prioritization for internal IPv6 transition team members. IPv6 transition planning/deployment is not in FY11 plan so individuals who need to participate are not budgeted to work on this initiative and can only provide "best effort". Needs funding and personnel trainings to proceed with deployment and be able to support IPv6 environment.	Mon, Jan 24, 2011 6:20 PM	<a href="#">Find...</a>
5.	Full support by the IT community, there are still "what level of IPv6" there is in the switches, routers, management software, etc	Wed, Jan 19, 2011 8:46 AM	<a href="#">Find...</a>
6.	It would be great if we all used the same definition of, or defined list of, public facing services.	Tue, Jan 18, 2011 7:14 PM	<a href="#">Find...</a>
7.	In a time of decreasing budgets has anyone estimated the added cost in some normalized fashion. IPV6 may be a done deal, but what is the financial impact? I guess conversely, what is the financial impact of not doing it? Perhaps its obvious?	Tue, Jan 18, 2011 6:38 PM	<a href="#">Find...</a>
8.	Currently doing this right is a major project with initially few benefits. Thus it is hard to justify the resources needed to engage in this project unless there is a Contract Requirement Directive (CRD).	Tue, Jan 18, 2011 4:30 PM	<a href="#">Find...</a>

answered question **8**skipped question **2****9. Responding site (optional)**[Download](#)

			Response Count
<a href="#">Hide Responses</a>			9
1.	PNNL	Wed, Jan 26, 2011 7:19 PM	<a href="#">Find...</a>
2.	GA	Wed, Jan 26, 2011 11:46 AM	<a href="#">Find...</a>
3.	Argonne	Wed, Jan 26, 2011 9:17 AM	<a href="#">Find...</a>
4.	LLNL	Mon, Jan 24, 2011 6:20 PM	<a href="#">Find...</a>
5.	ORISE	Wed, Jan 19, 2011 8:46 AM	<a href="#">Find...</a>
6.	ORNL	Wed, Jan 19, 2011 7:15 AM	<a href="#">Find...</a>
7.	Jlab.	Tue, Jan 18, 2011 7:14 PM	<a href="#">Find...</a>
8.	LBNL	Tue, Jan 18, 2011 6:38 PM	<a href="#">Find...</a>
9.	SLAC	Tue, Jan 18, 2011 4:30 PM	<a href="#">Find...</a>

answered question **9**skipped question **1**