Cluster setup survey

SurveyMonkey

1. Define your level of knowledge and what you like/dislike in the following cluster management systems. A blank answer is the same as N/A, does not apply (e.g. You can leave blank the answers if you don't know that cluster management system)

Your level of knowledge

	N/A - Unknown	Read about it	Evaluated it	Use it	Did some customization	Are official developer	Response Count
Bcfg2	**85.7% (12)**	14.3% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	14
Cfengine	**42.1% (8)**	21.1% (4)	10.5% (2)	21.1% (4)	5.3% (1)	0.0% (0)	19
Cobbler	**60.0% (9)**	13.3% (2)	0.0% (0)	26.7% (4)	0.0% (0)	0.0% (0)	15
Modules	**76.9% (10)**	7.7% (1)	0.0% (0)	7.7% (1)	7.7% (1)	0.0% (0)	13
Perceus/Warewulf	**91.7% (11)**	8.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	12
Puppet	**40.0% (8)**	25.0% (5)	0.0% (0)	25.0% (5)	10.0% (2)	0.0% (0)	20
Quattor	**78.6% (11)**	14.3% (2)	0.0% (0)	0.0% (0)	7.1% (1)	0.0% (0)	14
Rocks	13.6% (3)	4.5% (1)	**36.4% (8)**	18.2% (4)	27.3% (6)	0.0% (0)	22

Performance

	N/A	Good	Average	Poor	Response Count
Bcfg2	**100.0% (3)**	0.0% (0)	0.0% (0)	0.0% (0)	3
Cfengine	16.7% (1)	33.3% (2)	**50.0% (3)**	0.0% (0)	6

Cobbler	33.3% (2)	33.3% (2)	33.3% (2)	0.0% (0)	6
Modules	50.0% (2)	50.0% (2)	0.0% (0)	0.0% (0)	4
Perceus/Warewulf	100.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	2
Puppet	22.2% (2)	44.4% (4)	33.3% (3)	0.0% (0)	9
Quattor	66.7% (2)	0.0% (0)	33.3% (1)	0.0% (0)	3
Rocks	0.0% (0)	68.8% (11)	31.3% (5)	0.0% (0)	16

First installation/configuration

	N/A	Easy	Average	Difficult	Response Count
Bcfg2	100.0% (3)	0.0% (0)	0.0% (0)	0.0% (0)	3
Cfengine	16.7% (1)	0.0% (0)	50.0% (3)	33.3% (2)	6
Cobbler	33.3% (2)	50.0% (3)	16.7% (1)	0.0% (0)	6
Modules	50.0% (2)	50.0% (2)	0.0% (0)	0.0% (0)	4
Perceus/Warewulf	100.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	2
Puppet	37.5% (3)	25.0% (2)	25.0% (2)	12.5% (1)	8
Quattor	66.7% (2)	0.0% (0)	0.0% (0)	33.3% (1)	3
Rocks	6.3% (1)	25.0% (4)	62.5% (10)	6.3% (1)	16

Following installation/update

	N/A	Easy	Average	Difficult	Response Count
Bcfg2	**100.0% (3)**	0.0% (0)	0.0% (0)	0.0% (0)	3
Cfengine	16.7% (1)	16.7% (1)	**66.7% (4)**	0.0% (0)	6
Cobbler	40.0% (2)	**60.0% (3)**	0.0% (0)	0.0% (0)	5
Modules	**50.0% (2)**	**50.0% (2)**	0.0% (0)	0.0% (0)	4
Perceus/Warewulf	**100.0% (2)**	0.0% (0)	0.0% (0)	0.0% (0)	2
Puppet	**37.5% (3)**	**37.5% (3)**	25.0% (2)	0.0% (0)	8
Quattor	**66.7% (2)**	0.0% (0)	0.0% (0)	33.3% (1)	3
Rocks	0.0% (0)	40.0% (6)	**53.3% (8)**	6.7% (1)	15

Operation

	N/A	Easy	Average	Difficult	Response Count
Bcfg2	**100.0% (3)**	0.0% (0)	0.0% (0)	0.0% (0)	3
Cfengine	16.7% (1)	33.3% (2)	**50.0% (3)**	0.0% (0)	6
Cobbler	40.0% (2)	**60.0% (3)**	0.0% (0)	0.0% (0)	5
Modules	**50.0% (2)**	25.0% (1)	25.0% (1)	0.0% (0)	4
Perceus/Warewulf	**100.0% (2)**	0.0% (0)	0.0% (0)	0.0% (0)	2
Puppet	25.0% (2)	25.0% (2)	**50.0% (4)**	0.0% (0)	8
Quattor	**66.7% (2)**	0.0% (0)	0.0% (0)	33.3% (1)	3

	N/A	Good	Average	Poor	Response Count
Rocks	0.0% (0)	**60.0% (9)**	40.0% (6)	0.0% (0)	15

Available documentation

	N/A	Good	Average	Poor	Response Count
Bcfg2	**100.0% (3)**	0.0% (0)	0.0% (0)	0.0% (0)	3
Cfengine	16.7% (1)	**33.3% (2)**	**33.3% (2)**	16.7% (1)	6
Cobbler	**40.0% (2)**	**40.0% (2)**	20.0% (1)	0.0% (0)	5
Modules	**50.0% (2)**	25.0% (1)	25.0% (1)	0.0% (0)	4
Perceus/Warewulf	**100.0% (2)**	0.0% (0)	0.0% (0)	0.0% (0)	2
Puppet	12.5% (1)	37.5% (3)	**50.0% (4)**	0.0% (0)	8
Quattor	**66.7% (2)**	0.0% (0)	33.3% (1)	0.0% (0)	3
Rocks	0.0% (0)	**60.0% (9)**	33.3% (5)	6.7% (1)	15

How long have you been using it?

	N/A - Never	Less than 1 month	Months	1 year	2-4 years	5 years or more	Response Count
Bcfg2	**100.0% (3)**	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	3
Cfengine	16.7% (1)	0.0% (0)	0.0% (0)	16.7% (1)	**33.3% (2)**	**33.3% (2)**	6
Cobbler	**40.0% (2)**	0.0% (0)	20.0% (1)	20.0% (1)	20.0% (1)	0.0% (0)	5
Modules	**50.0% (2)**	0.0% (0)	0.0% (0)	0.0% (0)	**50.0% (2)**	0.0% (0)	4
Perceus/Warewulf	**100.0% (2)**	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	2

Puppet	25.0% (2)	12.5% (1)	12.5% (1)	**37.5% (3)**	12.5% (1)	0.0% (0)	8
Quattor	**66.7% (2)**	0.0% (0)	0.0% (0)	33.3% (1)	0.0% (0)	0.0% (0)	3
Rocks	13.3% (2)	0.0% (0)	6.7% (1)	20.0% (3)	26.7% (4)	**33.3% (5)**	15
	5					Other (please specify)	5
						answered question	29
						skipped question	4

2. Would you help fellow OSG site administrators using any of the following management system? If yes you may check also your preferred ways to help.

	no	yes	providing documentation	replying in mailing list	replying to direct email	one to one in chat	during OSG workshops	Response Count
Bcfg2	**100.0% (6)**	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	6
Cfengine	**60.0% (6)**	20.0% (2)	0.0% (0)	40.0% (4)	20.0% (2)	10.0% (1)	20.0% (2)	10
Cobbler	**60.0% (6)**	30.0% (3)	10.0% (1)	20.0% (2)	20.0% (2)	10.0% (1)	10.0% (1)	10
Modules	**75.0% (6)**	25.0% (2)	0.0% (0)	12.5% (1)	12.5% (1)	12.5% (1)	0.0% (0)	8
Perceus/Warewulf	**100.0% (6)**	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	6
Puppet	**45.5% (5)**	**45.5% (5)**	18.2% (2)	36.4% (4)	**45.5% (5)**	27.3% (3)	18.2% (2)	11
Quattor	**100.0% (7)**	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	7
Rocks	38.9% (7)	50.0% (9)	22.2% (4)	**55.6% (10)**	38.9% (7)	22.2% (4)	27.8% (5)	18
							answered question	24
							skipped question	9

3. VDT is working hard on providing native packages (DEB and RPM). Are you interested in native packages?

	Response Percent	Response Count
No, I will use only Pacman packages (or a tar based distribution)	3.3%	1
Yes, but I will keep using also Pacman	40.0%	12
Yes, I will switch to only native packages	**43.3%**	**13**
Don't care	13.3%	4
	answered question	**30**
	skipped question	**3**

4. If you are interested in native packages, are you... (Please check all that applies)

		Response Percent	Response Count
Interested in RPM		**88.5%**	**23**
Interested in DEB (Debian) packages		30.8%	8
Would like native packages integrated with your cluster/configuration management system (add below which one)		7.7%	2
Other (please specify)			1
	answered question		26
	skipped question		7

5. Please add here any other comment or suggestion about a Cluster Management or Configuration System that you'd like to share. You may include also links to documents that you may consider useful for this evaluation.

	Response Count
	4
answered question	4
skipped question	29

6. Define your level of knowledge and what you like/dislike in the following local resource managers. A blank answer is the same as N/A, does not apply (e.g. You can leave blank the answers if you don't know that local resource manager)

Your level of knowledge

	N/A - Unknown	Read about it	Evaluated it	Use it	Did some customization	Are official developer	Response Count
Condor	0.0% (0)	4.0% (1)	16.0% (4)	**44.0% (11)**	36.0% (9)	0.0% (0)	25
LSF	**45.5% (5)**	27.3% (3)	0.0% (0)	9.1% (1)	18.2% (2)	0.0% (0)	11
OpenPBS	10.0% (1)	**40.0% (4)**	10.0% (1)	**40.0% (4)**	0.0% (0)	0.0% (0)	10
PBS Pro	27.3% (3)	**45.5% (5)**	0.0% (0)	27.3% (3)	0.0% (0)	0.0% (0)	11
TORQUE/MAUI	10.5% (2)	21.1% (4)	5.3% (1)	**63.2% (12)**	0.0% (0)	0.0% (0)	19
SGE	14.3% (2)	**28.6% (4)**	21.4% (3)	21.4% (3)	14.3% (2)	0.0% (0)	14

Performance

	N/A	Good	Average	Poor	Response Count
Condor	4.0% (1)	**72.0% (18)**	16.0% (4)	8.0% (2)	25
LSF	**40.0% (2)**	**40.0% (2)**	20.0% (1)	0.0% (0)	5
OpenPBS	0.0% (0)	**66.7% (4)**	16.7% (1)	16.7% (1)	6
PBS Pro	**57.1% (4)**	42.9% (3)	0.0% (0)	0.0% (0)	7
TORQUE/MAUI	6.7% (1)	**66.7% (10)**	20.0% (3)	6.7% (1)	15

	N/A	Easy	Average	Difficult	Response Count
SGE	20.0% (1)	**40.0% (2)**	**40.0% (2)**	0.0% (0)	5

First installation/configuration

	N/A	Easy	Average	Difficult	Response Count
Condor	8.0% (2)	12.0% (3)	**56.0% (14)**	24.0% (6)	25
LSF	**33.3% (1)**	0.0% (0)	**33.3% (1)**	**33.3% (1)**	3
OpenPBS	16.7% (1)	0.0% (0)	**66.7% (4)**	16.7% (1)	6
PBS Pro	**57.1% (4)**	14.3% (1)	28.6% (2)	0.0% (0)	7
TORQUE/MAUI	14.3% (2)	7.1% (1)	**64.3% (9)**	14.3% (2)	14
SGE	25.0% (1)	0.0% (0)	**75.0% (3)**	0.0% (0)	4

Following installation/update

	N/A	Easy	Average	Difficult	Response Count
Condor	13.0% (3)	39.1% (9)	**43.5% (10)**	4.3% (1)	23
LSF	33.3% (1)	0.0% (0)	**66.7% (2)**	0.0% (0)	3
OpenPBS	16.7% (1)	0.0% (0)	**83.3% (5)**	0.0% (0)	6
PBS Pro	**57.1% (4)**	14.3% (1)	28.6% (2)	0.0% (0)	7
TORQUE/MAUI	15.4% (2)	30.8% (4)	**53.8% (7)**	0.0% (0)	13
SGE	25.0% (1)	**50.0% (2)**	25.0% (1)	0.0% (0)	4

Operation

	N/A	Easy	Average	Difficult	Response Count
Condor	4.2% (1)	29.2% (7)	**54.2% (13)**	12.5% (3)	24
LSF	25.0% (1)	25.0% (1)	**50.0% (2)**	0.0% (0)	4
OpenPBS	0.0% (0)	40.0% (2)	**60.0% (3)**	0.0% (0)	5
PBS Pro	**57.1% (4)**	42.9% (3)	0.0% (0)	0.0% (0)	7
TORQUE/MAUI	23.1% (3)	15.4% (2)	**61.5% (8)**	0.0% (0)	13
SGE	25.0% (1)	0.0% (0)	**75.0% (3)**	0.0% (0)	4

Available documentation

	N/A	Good	Average	Poor	Response Count
Condor	4.2% (1)	**66.7% (16)**	25.0% (6)	4.2% (1)	24
LSF	**50.0% (2)**	**50.0% (2)**	0.0% (0)	0.0% (0)	4
OpenPBS	0.0% (0)	**50.0% (3)**	33.3% (2)	16.7% (1)	6
PBS Pro	42.9% (3)	**57.1% (4)**	0.0% (0)	0.0% (0)	7
TORQUE/MAUI	16.7% (2)	8.3% (1)	**75.0% (9)**	0.0% (0)	12
SGE	**50.0% (2)**	25.0% (1)	25.0% (1)	0.0% (0)	4

How long have you been using it?

	N/A - Never	Less than 1 month	Months	1 year	2-4 years	5 years or more	Response Count

Condor	8.3% (2)	8.3% (2)	4.2% (1)	4.2% (1)	**45.8% (11)**	29.2% (7)	24
LSF	25.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	**50.0% (2)**	25.0% (1)	4
OpenPBS	0.0% (0)	16.7% (1)	**50.0% (3)**	16.7% (1)	0.0% (0)	16.7% (1)	6
PBS Pro	**40.0% (2)**	0.0% (0)	0.0% (0)	20.0% (1)	20.0% (1)	20.0% (1)	5
TORQUE/MAUI	14.3% (2)	0.0% (0)	14.3% (2)	**35.7% (5)**	21.4% (3)	14.3% (2)	14
SGE	**25.0% (1)**	0.0% (0)	0.0% (0)	**25.0% (1)**	**25.0% (1)**	**25.0% (1)**	4
					Other (please specify)		2
					answered question		31
					skipped question		2

7. Would you help fellow OSG site administrators using any of the following local resource managers? If yes you may check also your preferred ways to help.

	no	yes	providing documentation	replying in mailing list	replying to direct email	one to one in chat	during OSG workshops	Response Count
Condor	41.7% (10)	**54.2% (13)**	20.8% (5)	45.8% (11)	33.3% (8)	29.2% (7)	25.0% (6)	24
LSF	**88.9% (8)**	11.1% (1)	11.1% (1)	11.1% (1)	11.1% (1)	11.1% (1)	0.0% (0)	9
OpenPBS	44.4% (4)	**55.6% (5)**	0.0% (0)	22.2% (2)	11.1% (1)	0.0% (0)	0.0% (0)	9
PBS Pro	**87.5% (7)**	12.5% (1)	0.0% (0)	12.5% (1)	12.5% (1)	0.0% (0)	0.0% (0)	8
TORQUE/MAUI	46.7% (7)	**53.3% (8)**	6.7% (1)	40.0% (6)	33.3% (5)	13.3% (2)	13.3% (2)	15
SGE	**80.0% (8)**	20.0% (2)	10.0% (1)	20.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	10
							answered question	29
							skipped question	4

8. Please add here any other comment or suggestion about a Local Resource Manager (Queue Manager) that you'd like to share. You may include also links to documents that you may consider useful for this evaluation.

	Response Count
	4
answered question	4
skipped question	29

9. Define your level of knowledge and what you like/dislike in the following shared file systems. A blank answer is the same as N/A, does not apply (e.g. You can leave blank the answers if you don't know that specific file system)

Your level of knowledge

	N/A - Unknown	Read about it	Evaluated it	Use it	Did some customization	Are official developer	Response Count
AFS	7.1% (1)	**42.9% (6)**	7.1% (1)	28.6% (4)	14.3% (2)	0.0% (0)	14
dCache	6.7% (1)	26.7% (4)	0.0% (0)	**53.3% (8)**	13.3% (2)	0.0% (0)	15
GPFS	25.0% (2)	**50.0% (4)**	0.0% (0)	25.0% (2)	0.0% (0)	0.0% (0)	8
Hadoop	11.8% (2)	**41.2% (7)**	17.6% (3)	17.6% (3)	11.8% (2)	0.0% (0)	17
Lustre	6.7% (1)	33.3% (5)	6.7% (1)	**53.3% (8)**	0.0% (0)	0.0% (0)	15
NFS	0.0% (0)	0.0% (0)	0.0% (0)	**100.0% (24)**	0.0% (0)	0.0% (0)	24
xrootd	8.3% (1)	25.0% (3)	8.3% (1)	**50.0% (6)**	0.0% (0)	8.3% (1)	12

Performance

	N/A	Good	Average	Poor	Response Count
AFS	22.2% (2)	11.1% (1)	**33.3% (3)**	**33.3% (3)**	9
dCache	18.2% (2)	27.3% (3)	**45.5% (5)**	9.1% (1)	11
GPFS	**60.0% (3)**	40.0% (2)	0.0% (0)	0.0% (0)	5
Hadoop	30.0% (3)	**70.0% (7)**	0.0% (0)	0.0% (0)	10

	N/A	Easy	Average	Difficult	Response Count
Lustre	27.3% (3)	**72.7% (8)**	0.0% (0)	0.0% (0)	11
NFS	0.0% (0)	28.6% (6)	**61.9% (13)**	9.5% (2)	21
xrootd	22.2% (2)	**44.4% (4)**	33.3% (3)	0.0% (0)	9

First installation/configuration

	N/A	Easy	Average	Difficult	Response Count
AFS	22.2% (2)	**33.3% (3)**	22.2% (2)	22.2% (2)	9
dCache	25.0% (3)	0.0% (0)	16.7% (2)	**58.3% (7)**	12
GPFS	**66.7% (2)**	0.0% (0)	0.0% (0)	33.3% (1)	3
Hadoop	22.2% (2)	**33.3% (3)**	**33.3% (3)**	11.1% (1)	9
Lustre	**44.4% (4)**	11.1% (1)	22.2% (2)	22.2% (2)	9
NFS	0.0% (0)	**90.0% (18)**	10.0% (2)	0.0% (0)	20
xrootd	22.2% (2)	22.2% (2)	**55.6% (5)**	0.0% (0)	9

Following installation/update

	N/A	Easy	Average	Difficult	Response Count
AFS	25.0% (2)	**37.5% (3)**	25.0% (2)	12.5% (1)	8
dCache	25.0% (3)	8.3% (1)	0.0% (0)	**66.7% (8)**	12
GPFS	**66.7% (2)**	0.0% (0)	33.3% (1)	0.0% (0)	3
Hadoop	25.0% (2)	**37.5% (3)**	25.0% (2)	12.5% (1)	8

	N/A	Easy	Average	Difficult	Response Count
Lustre	**44.4% (4)**	11.1% (1)	33.3% (3)	11.1% (1)	9
NFS	0.0% (0)	**94.7% (18)**	5.3% (1)	0.0% (0)	19
xrootd	25.0% (2)	**37.5% (3)**	25.0% (2)	12.5% (1)	8

Operation

	N/A	Easy	Average	Difficult	Response Count
AFS	**25.0% (2)**	**25.0% (2)**	**25.0% (2)**	**25.0% (2)**	8
dCache	25.0% (3)	0.0% (0)	25.0% (3)	**50.0% (6)**	12
GPFS	**66.7% (2)**	0.0% (0)	33.3% (1)	0.0% (0)	3
Hadoop	25.0% (2)	**50.0% (4)**	25.0% (2)	0.0% (0)	8
Lustre	**33.3% (3)**	22.2% (2)	22.2% (2)	22.2% (2)	9
NFS	0.0% (0)	**84.2% (16)**	10.5% (2)	5.3% (1)	19
xrootd	25.0% (2)	**37.5% (3)**	**37.5% (3)**	0.0% (0)	8

Available documentation

	N/A	Good	Average	Poor	Response Count
AFS	**42.9% (3)**	28.6% (2)	14.3% (1)	14.3% (1)	7
dCache	25.0% (3)	16.7% (2)	**41.7% (5)**	16.7% (2)	12
GPFS	**66.7% (2)**	33.3% (1)	0.0% (0)	0.0% (0)	3
Hadoop	25.0% (2)	**50.0% (4)**	25.0% (2)	0.0% (0)	8

Lustre	**50.0% (4)**	25.0% (2)	25.0% (2)	0.0% (0)	8
NFS	5.3% (1)	**63.2% (12)**	21.1% (4)	10.5% (2)	19
xrootd	25.0% (2)	0.0% (0)	**50.0% (4)**	25.0% (2)	8

How long have you been using it?

	N/A - Never	Less than 1 month	Months	1 year	2-4 years	5 years or more	Response Count
AFS	28.6% (2)	0.0% (0)	0.0% (0)	14.3% (1)	0.0% (0)	**57.1% (4)**	7
dCache	27.3% (3)	0.0% (0)	0.0% (0)	0.0% (0)	**54.5% (6)**	18.2% (2)	11
GPFS	**50.0% (2)**	0.0% (0)	0.0% (0)	0.0% (0)	25.0% (1)	25.0% (1)	4
Hadoop	**25.0% (2)**	0.0% (0)	**25.0% (2)**	**25.0% (2)**	12.5% (1)	12.5% (1)	8
Lustre	**33.3% (3)**	0.0% (0)	11.1% (1)	**33.3% (3)**	22.2% (2)	0.0% (0)	9
NFS	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	47.4% (9)	**52.6% (10)**	19
xrootd	**28.6% (2)**	0.0% (0)	14.3% (1)	**28.6% (2)**	**28.6% (2)**	0.0% (0)	7
Other (please specify)							5
answered question							29
skipped question							4

10. Would you help fellow OSG site administrators using any of the followingshared file systems? If yes you may check also your preferred ways to help.

	no	yes	providing documentation	replying in mailing list	replying to direct email	one to one in chat	during OSG workshops	Response Count
AFS	**75.0% (9)**	25.0% (3)	0.0% (0)	25.0% (3)	16.7% (2)	16.7% (2)	8.3% (1)	12
dCache	**78.6% (11)**	21.4% (3)	0.0% (0)	21.4% (3)	14.3% (2)	7.1% (1)	7.1% (1)	14
GPFS	**87.5% (7)**	12.5% (1)	0.0% (0)	12.5% (1)	12.5% (1)	0.0% (0)	12.5% (1)	8
Hadoop	**58.3% (7)**	41.7% (5)	25.0% (3)	41.7% (5)	41.7% (5)	33.3% (4)	41.7% (5)	12
Lustre	**61.5% (8)**	38.5% (5)	7.7% (1)	38.5% (5)	23.1% (3)	15.4% (2)	7.7% (1)	13
NFS	30.0% (6)	**70.0% (14)**	20.0% (4)	65.0% (13)	45.0% (9)	25.0% (5)	30.0% (6)	20
xrootd	**71.4% (10)**	28.6% (4)	0.0% (0)	28.6% (4)	28.6% (4)	21.4% (3)	21.4% (3)	14
answered question								24
skipped question								9

11. Please add here any other comment or suggestion about a Shared or Distributed File System that you'd like to share. You may include also links to documents that you may consider useful for this evaluation.

	Response Count
	3
answered question	3
skipped question	30

12. Please enter this information so that we can reach you if needed and Thank you for taking the survey.

	Response Percent	Response Count
Name	100.0%	25
Email	100.0%	25
OSG sites you administer (if any)	84.0%	21
answered question		25
skipped question		8