CIO Survey on Enterprise Architecture

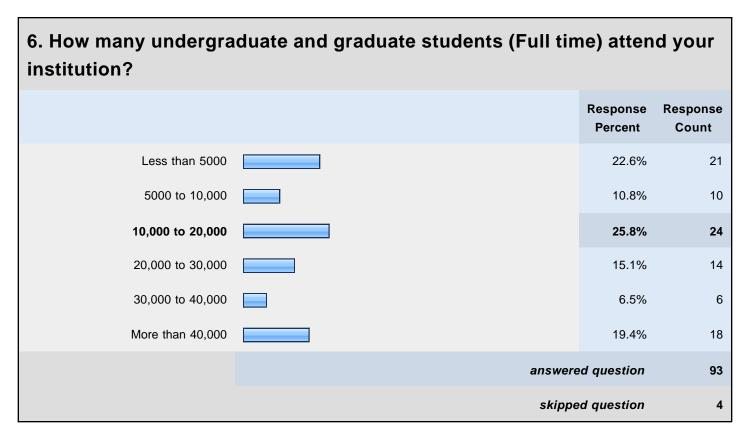
1. What institution are you	u answering for	
		Response Count
		97
	answered question	97
	skipped question	0

2. May we contact you for further input?			
		Response Percent	Response Count
No		9.7%	9
Yes. Please enter an email address		90.3%	84
	answer	ed question	93
	skippe	ed question	4

3. Is your institution a public or private institution?		
	Response Percent	Response Count
Public	64.9%	61
Private	35.1%	33
answer	ed question	94
skipp	ed question	3

4. Do you have professional schools (Executive MBA, Professional Engineering, etc)?			
		Response Percent	Response Count
Yes		76.6%	72
No		23.4%	22
	answ	ered question	94
skipped question		3	

5. Do you have a Medical School?		
	Response Percent	Response Count
Yes	50.0%	47
No	50.0%	47
answei	red question	94
skipp	ed question	3



7. How would you best describe your institutions overall Information Technology budget, priority and decision making processes?

		Response Percent	Response Count
1 = Very Top-Down, Centrally Controlled		11.8%	11
2		33.3%	31
3		33.3%	31
4		17.2%	16
5 = Very decentralized little central control		4.3%	4
	answere	ed question	93
	skippe	d question	4

8. Which model most closely matches your organizations over-all operating model:

	Response Percent	Response Count
Distributed (few common business processes and little data integration) - Your institution has many silos which operate independently. Each silo has its own business processes and they share little data between the silos.	15.6%	14
Replicated (common business processes with little data integration) - Your institution has many silos which operate independently. Each silo follows a common set of business process but they share little data between the silos.	14.4%	13
Coordinated (few common business processes with high data integration) - Your institution has many silos which operate together. Each silo follows a its own set of business process but there are high levels of shared data between the silos.	50.0%	45
Unified (common business process with high data integration) - Your institution operates as a mostly unified enterprise. There is a common set of business processes and there are high levels of shared data between the various parts of the institution.	20.0%	18
	ase specify)	6
	ed question ed question	90

9. Are there other aspects of your institution that affect the way that Enterprise Architecture is/is not implemented on your campus? Response Count 38 answered question 38 skipped question 59

10. As a general rule is your institutions preference to build or buy software: Response Response Percent Count **Build Exclusively** 0.0% 0 **Build Mostly** 4.3% 4 Even mix of buy and build 31.5% 29 **Buy Mostly** 59.8% 55 Buy Exclusively 4.3% 4 answered question 92 skipped question 5

11. How would you describe your institutions approach when acquiring solutions:			
		Response Percent	Response Count
We pick Best-of-breed solutions		16.3%	15
Some best-of-breed some single vendor integrated solutions		80.4%	74
We pick single-vendor integrated solutions		3.3%	3
	answe	red question	92
	skipp	ed question	5

12. Do you outsource activities like development, hosting of services, etc.			
		Response Percent	Response Count
Significant Outsourcing		4.3%	4
Some Outsourcing		32.6%	30
Little Outsourcing		57.6%	53
No Outsourcing		5.4%	5
	answere	ed question	92
	skippe	ed question	5

13. What extent are you actively pursuing "Cloud Computing" or Software-As-A-Service (Saas) solutions?

		Response Percent	Response Count
We have implemented Cloud Computing or SaaS solutions		24.2%	22
We are moving to implement Cloud Computing or SaaS solutions now		23.1%	21
Cloud Computing or SaaS solutions are on our strategic plan but we haven't begun implementation		25.3%	23
We are watching and waiting to see what becomes of Cloud Computing and SaaS		27.5%	25
We are not considering Cloud Computing or SaaS		0.0%	0
	answere	ed question	91
	skippe	d question	6

14. Do many of your programming activities include use of open source software (OSS) products?

		Response Percent	Response Count
Significant portions are Open Source Software based		22.8%	21
Some portions are Open Source Software based		45.7%	42
Few portions are Open Source Software based		27.2%	25
No portions are Open Source Software based		4.3%	4
	answere	ed question	92
	skippe	d question	5

15. What factors affect your open source vs. vendor source choices?		s?
		Response Count
		69
	answered question	69
	skipped question	28

16. Do you have a multi-year Technology and Services Portfolio/Roadmap/Blueprint?				
			Response Percent	Response Count
Yes			59.8%	55
No			40.2%	37
		answere	ed question	92
		skippe	d question	5

17. Is it aligned with your budget?				
			Response Percent	Response Count
Yes			77.4%	41
No			22.6%	12
		answere	d question	53
		skippe	d question	44

18. Who is responsible for maintaining the plan or roadmap?		
	Response Count	
	51	
answered question	51	
skipped question	46	

19. How is it aligned with the Institute's multi-year business plan?			
		Response Count	
		44	
	answered question	44	
	skipped question	53	

20. Do you have an Enterprise Architecture / Information Technology Architecture / Infrastructure Architecture group (EA Group)?				
		Response Percent	Response Count	
Yes		61.5%	56	
No		38.5%	35	
	answere	ed question	91	
skipped question		6		

21. How long have you had an Enterprise Architecture (EA) group?					
		Response Percent	Response Count		
Less than 1 year		14.3%	7		
1 - 3 years		46.9%	23		
3 - 5 years		12.2%	6		
5 - 10 years		20.4%	10		
more than 10 years		6.1%	3		
	answere	ed question	49		
	skippe	ed question	48		

22. Which Organizational Model of EA best fits your institution Response Response **Percent** Count Informal/ Ad hoc architecture - no formal architecture group. 8.0% 4 Individuals acting as ad hoc architects in their areas Isolated Architecture - a "more formal" architecture group but that 6.0% 3 group is focused on one or two departments Limited Central Architecture - a central architecture group but with limited interaction in select 52.0% 26 areas and projects across campus Federated Architecture -Architecture groups or individuals around campus working together to 14.0% 7 form a "enterprise architecture" group Head Architect with Domain Architects - like federated but with 8.0% 4 a central lead architect(s) orchestrating the federation Central Architecture - a core group of architects that review all projects 12.0% in the enterprise Other (please specify) 0.0% 0 answered question 50 skipped question 47

23. Where does your EA group report (check all that apply):				
		Response Percent	Response Count	
Manager		14.3%	7	
Director		32.7%	16	
Deputy CIO		16.3%	8	
СІО		44.9%	22	
Vice Provost		4.1%	2	
Provost		2.0%	1	
Other (please specify)		8.2%	4	
	answere	ed question	49	
	skippe	ed question	48	

24. Which choice most closely matches their range of effect? Projects in a:				
		Response Percent	Response Count	
Group		2.1%	1	
Department		4.3%	2	
Multiple departments in a single organizational unit		21.3%	10	
Some/select projects across campus		59.6%	28	
All projects on campus		12.8%	6	
	Other (ple	ease specify)	6	
	answere	ed question	47	
	skippe	ed question	50	

25. When do they usually engage with projects? (check all that apply)				
		Response Percent	Response Count	
At inception		60.0%	27	
During requirements gathering		71.1%	32	
During Construction		40.0%	18	
During Roll-out		22.2%	10	
After Launch		20.0%	9	
Along the whole lifecycle		35.6%	16	
	Other (ple	ase specify)	6	
	answere	ed question	45	
	skippe	ed question	52	

26. How would you best describe their method of engagement (pick all that apply)				
		Response Percent	Response Count	
Making Recommendations		76.6%	36	
Adding/Reviewing Requirements		80.9%	38	
Project Facilitation / Project Management		34.0%	16	
Project Review		34.0%	16	
Project Gate (i.e. can stop a project)		27.7%	13	
	Other (ple	ease specify)	3	
	answer	ed question	47	
	skippe	ed question	50	

27. How would you best describe the growth or change in the view of Enterprise/I.T. Architecture on your campus:

		Response Percent	Response Count
It is viewed the same as has been for the past three years		31.3%	15
It has lost importance over the past three years		8.3%	4
It has gained importance over the past three years		60.4%	29
	answer	ed question	48
	skipp	ed question	49

28. How important all the following factors in driving the change in EA on your campus:

	Very Important	Somewhat Important	Not Important	Response Count
Budget	56.5% (26)	34.8% (16)	8.7% (4)	46
Complexity of I.T. systems	75.6% (34)	20.0% (9)	4.4% (2)	45
Rate of change of I.T.	46.7% (21)	44.4% (20)	8.9% (4)	45
Personnel Issues	6.7% (3)	42.2% (19)	53.3% (24)	45
Increased business silos	6.7% (3)	37.8% (17)	55.6% (25)	45
Decreased business silos	18.2% (8)	50.0% (22)	31.8% (14)	44
Security	43.5% (20)	50.0% (23)	6.5% (3)	46
Privacy	35.6% (16)	51.1% (23)	13.3% (6)	45
Risk management/reduction	42.2% (19)	51.1% (23)	6.7% (3)	45
Large projects	48.9% (22)	40.0% (18)	11.1% (5)	45
		Other fact	tors that were important	11
			answered question	47
			skipped question	50

29. In which areas do you think EA has been MOST effective (select all that apply):

		Response Percent	Response Count
Identity and Access Management		67.3%	33
ERP implementations		28.6%	14
Business Process improvements		24.5%	12
Security / Information Protection		28.6%	14
Portfolio Management (helping to understand and/or manage the I.T. portfolio)		34.7%	17
Complexity Management (helping understand and/or reduce the complexity)		59.2%	29
	Other (ple	ase specify)	7
	answere	ed question	49
	skippe	ed question	48

30. In which areas do you think EA has been LEAST effective (select all that apply):

		Response Percent	Response Count
Identity and Access Management		16.3%	7
ERP implementations		34.9%	15
Business Process improvements		58.1%	25
Security / Information Protection		25.6%	11
Portfolio Management (helping to understand and/or manage the I.T. portfolio)		34.9%	15
Complexity Management (helping understand and/or reduce the complexity)		16.3%	7
	Other (ple	ease specify)	3
	answere	ed question	43
	skippe	ed question	54

31. As a CIO, if Enterprise Architecture could have one effect on your campus; what would that effect be?

campus; what would th	hat effect be?	
		Response Count
		39
	answered question	39
	skipped question	58

32. Do you have an Architectural Review Board? An IT Architecture Review Board is a group of IT architects and/or other senior technical personnel, formally convened in order to provide input on project plans and/or on specific domain architectures designed for your institution.

		Response Percent	Response Count
Yes		38.8%	19
No		61.2%	30
	answere	ed question	49
	skippe	ed question	48

33. Which choice most closely matches their range of effect? Projects in a: Response Response **Percent** Count Group 0.0% 0 Department 15.8% 3 Multiple departments in a single 36.8% 7 organizational unit Some/select projects across 36.8% 7 campus All projects on campus 10.5% 2 Other (please specify) 3 answered question 19 skipped question 78

34. When do they usually engage with projects? (check all that apply)			
		Response Percent	Response Count
At inception		50.0%	9
During requirements gathering		44.4%	8
During Construction		33.3%	6
During Roll-out		16.7%	3
After Launch		11.1%	2
Along the whole lifecycle		38.9%	7
	Other (ple	ease specify)	6
	answere	ed question	18
	skippe	ed question	79

35. How would you best describe their method of engagement (pick all that apply)			
		Response Percent	Response Count
Making Recommendations		80.0%	16
Adding/Reviewing Requirements		80.0%	16
Project Facilitation / Project Management		15.0%	3
Project Review		60.0%	12
Project Gate (i.e. can stop a project)		35.0%	7
	Other (ple	ease specify)	0
	answer	ed question	20
	skippe	ed question	77

36. Are you planning to next year or two?	o implement an Enterprise Archite	ecture group	in the
		Response Percent	Response Count
No		75.7%	28
Yes. Briefly describe what you hope to gain.		24.3%	9
	an	swered question	37
	S	skipped question	60

37. Do you have a Project Management Office or Portfolio Management Process?		
	Response Percent	Response Count
Yes	58.1%	50
No	41.9%	36
answer	ed question	86
skipp	ed question	11

38. Which do you have	?			
			Response Percent	Response Count
Project Management Office			36.0%	18
Portfolio Management Process			22.0%	11
Both			42.0%	21
		answere	d question	50
		skippe	d question	47

39. Does the Project M work closely with EA?	anagement Office / Portfolio Manage	ment Pro	ocess
		Response Percent	Response Count
Yes		46.9%	23
No		28.6%	14
Don't have an EA group		24.5%	12
	answer	ed question	49
	skippe	ed question	48

40. Does the Project Management Office / Portfolio Management Process help reinforce EA?			
		Response Percent	Response Count
Yes		41.7%	20
No		35.4%	17
Don't have an EA group.		22.9%	11
	answere	ed question	48
	skippe	ed question	49