BROOKINGS	Search
TechTank Improving Technology Policy	Deuren Go
« Previous   Next »  Gregory Dawson and Kevin C. Desouza   March 5, 2015 7  How state governments are acceptable of the companion of the compa	
SUMMIT ON CYBERSECURITY AND CONSUMER PROTECTION  * * * * WHITEHOUSE, GOV * * * *  NAME OF CYTHEST VALUE OF THE CONSUMER PROTECTION  *** * * WHITEHOUSE, GOV * * * *  NAME OF CYTHEST VALUE OF THE CONSUMER PROTECTION  *** * * WHITEHOUSE, GOV * * * *  **** * * WHITEHOUSE, GOV * * * *  **** * * * * * * * * * * * *	
attack, hackers accessed the names, birth dates, social	to have become common place. In the recent Anthem cyber security numbers, income, health status and many other oes not even know the total number of records breached but rity breaches than the private sector. By late 2014,
customers at the U.S. Postal Service, 850,000 job seek investigators at the U.S. Department of Homeland Secu	a data breach involving 800,000 employees and 2.9 million ers in Oregon, and background data on 25,000 underground rity.  vart, Director of the Defense Intelligence Agency commented
information is much more difficult to obtain. We suggest The Vast Majority of the Government Lacks Clear Cyber agencies addressed the issue of cybersecurity. Our find federal agencies make no mention of the need to secure detail.	that this is also true about cyber security. In our recent article
IT strategic plan and we did a content analysis of these We conducted this research knowing that the National A list of priorities for state CIOs for 2015, exhorted state C determine what constitutes "due care" in addressing the how well states were conducting this "due care".	documents to assess each state's cybersecurity positioning.  Association of State CIOs (NASCIO), when issuing its annual elos to examine a variety of security related concerns to m. Our purpose in conducting this analysis was to determine identify two states that had strong efforts and performed
Weak cybersecurity plans  All states mention cybersecurity in their plans. But, Vern touched on the need for cybersecurity in a general fashiof cybersecurity as an issue and no evidence of any rob	on. In these state plans, we saw little evidence of awareness
part of it's reporting of challenges raised in the prior year security is not even mentioned. It's worth noting that its	acy systems. Security is only mentioned in passing and as r. Even in its discussion of operating IT more effectively, latest plan was developed in 2013 to cover 2013 – 2018. find evidence of it in their latest IT strategic plan. Given the
Aware but lacking in details  Most of the states fell into this category of acknowledging clearly mention the need for cybersecurity, however security.	ig the problem. These states have solid IT strategic plans and urity does not figure prominently in their IT strategic plan. If sect of cybersecurity such as infrastructure management.
of planning, infrastructure hardening, and platform/netw scoured the plan but, outside of this single reference to steps to implementing cyber security policies.  We are confident that these states understand the need	icant surge in cyber security activities, especially in the areas ork/application assessment and testing". However, we cyber security, we found no plans, strategies, or actionable for cybersecurity; their planning is only minimally effective ncluding training, security processes, etc). We believe that
these states still have much work to do in order to fully a  Addressing the problem	
plan for its new Information Technology Security Progra assess how well it is working.  Colorado has clear metrics and assigns specific response Security Officer with:	ecurity that relies on metrics. As part of defining its 10-part m, it uses a detailed metrics and reporting framework to sibilities to official. For example, it tasks the Chief Information
<ul> <li>(1) Insuring that more than 95 percent of its systems are</li> <li>(2) Insuring that more than 90 percent of its employees</li> <li>(3) Reducing overdue security related audit findings by</li> <li>(4) Reducing the average number of new high-risks security</li> </ul>	have taken security awareness training
	echnology components. As Delaware's plan aptly observes, with others stress training as the most cost effective way to
We consider Idaho and Mississippi to be truly outstanding commendable group, they have a strong awareness of states take it one step further.  Rather than relying on locally developed plans, these states take it one step further.	ng in their focus on cybersecurity. Similar to states in the cybersecurity and take a multi-faceted approach. But these ates rely heavily on the standards established by groups like T). For example, Mississippi plans to align its "Enterprise
the recommendations in the National Governors Associated Security Controls maintained by the Council on Cyberse	ty controls defined in the 800 series of publications by NIST, ation's Call to Action for Cybersecurity, and the Top 20 Critical ecurity".
	re robust and effective cybersecurity protocol.  osophy espoused by Stuart Davis, National Association of calls on greater collaboration and resource sharing between
respected groups like NIST in order to jump start their constants.  States, unlike private sector firms, have the advantage of	standards, policies and procedures enacted by nationally ybersecurity planning.  of not being in competition with other states and so can adopt curity to the citizenry. Failure to do so is likely to stall effective
Fellow at the Center for Organization Research and Design also at Ar	ms Department at the W.P. Carey School of Business and is also a Research izona State University. A former Partner with the PricewaterhouseCoopers Consulting's state and local government practice, his most recent series of a gregorysdawson@gmail.com
Kevin C. Desouza  Nonresident Senior Fellow, Governance Studies, Cent  @KevDesouza  Kevin C. Desouza is a nonresident senior fellow with the Center for Te the College of Public Programs and is a professor in the School of Pu	echnology Innovation. He also serves as the associate dean for research at
More Posts from Kevin >   View Expert Page >  Previous  Why a Confucian revival and the Internet could have unexpected consequences for China	Next Where HITECH's \$28 billion of investment has gone »
TECHTANK  TechTank focuses on new developments in science and technology po	
innovation, and governance. Our goals are to highlight new data and United States and around the world.	olicy and how they affect health care, education, economic development, deas, and provide commentary on science and technology trends in the
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update	
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS	
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Enter email address SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West	deas, and provide commentary on science and technology trends in the
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Enter email address  SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation  @DarrWest  Stuart N. Brotman Nonresident Senior Fellow, Governance Studies, Cent  Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell  @Cam_Kerry	deas, and provide commentary on science and technology trends in the
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Enter email address SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation  © DarrWest  Stuart N. Brotman Nonresident Senior Fellow, Governance Studies, Cent  Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fellow	deas, and provide commentary on science and technology trends in the  er for Technology Innovation  low, Governance Studies, Center for Technology Innovation
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Enter email address SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation Monresident Senior Fellow, Governance Studies, Cent  Cameron F. Kerry  Ann R. and Andrew H. Tisch Distinguished Visiting Fellow, Governance Studies, Center for Technology In Malter D. Valdivia Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In Miam Yaraghi Fellow, Governance Studies, Center for Technology In	deas, and provide commentary on science and technology trends in the  er for Technology Innovation  low, Governance Studies, Center for Technology Innovation  novation  tech policy ideas  Email Us
Innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Enter email address SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation Monresident Senior Fellow, Governance Studies, Center  Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Marry  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In Marry Qualterd Valdivia  Niam Yaraghi Fellow, Governance Studies, Center for Technology In Marry Qualterd Valdivia  Niam Yaraghi Fellow, Governance Studies, Center for Technology In Marry Qualterd Valdivia  Share your  Blog Roll  Blog Roll  AAAS SCIENCE INSIDER	deas, and provide commentary on science and technology trends in the er for Technology Innovation  tow, Governance Studies, Center for Technology Innovation  hovation  tech policy ideas
Innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Enter email address  SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation  Quarrell Senior Fellow, Governance Studies, Center  Cameron F. Kerry  Ann R. and Andrew H. Tisch Distinguished Visiting Fellow, Governance Studies, Center for Technology In  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In  Niam Yaraghi Fellow, Governance Studies, Center for Technology In  Niam Yaraghi Fellow, Governance Studies, Center for Technology In  Niam Yaraghi Fellow, Governance Studies, Center for Technology In  Niam Yaraghi Fellow, Governance Studies, Center for Technology In  Niam Yaraghi Fellow, Governance Studies, Center for Technology In  Share your  Blog Roll  Blog Roll	deas, and provide commentary on science and technology trends in the  er for Technology Innovation  low, Governance Studies, Center for Technology Innovation  novation  tech policy ideas  Email Us
Innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Enter email address  SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation  © @DarrWest  Stuart N. Brotman Nonresident Senior Fellow, Governance Studies, Center Ann R. and Andrew H. Tisch Distinguished Visiting Fel  © @Cam_Kerry  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In  © @WalterdValdivia  Niam Yaraghi Fellow, Governance Studies, Center for Technology In  © @iniamyaraghi  Join the Conversation  Share your  Blog Roll  AAAS SCIENCE INSIDER  DIGITIMES  FCC BLOG  HILLICON VALLEY  NEXTGOV  NYT BITS BLOG  OFFICE OF SCIENCE AND TECHNOLOGY POLICY	deas, and provide commentary on science and technology trends in the  er for Technology Innovation  low, Governance Studies, Center for Technology Innovation  novation  tech policy ideas  Email Us
Innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs )  I REWISLETTERS FROM BROOKINGS  I Governance Studies Update  Bater email address  SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation I @DarrWest  Stuart N. Brotman Nonresident Senior Fellow, Governance Studies, Center for Technology Innovation I @Cam_Kerry  Ann R. and Andrew H. Tisch Distinguished Visiting Fellow, Governance Studies, Center for Technology In I @Cam_Kerry  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In I @Cam_Kerry  Walter D. Waldivia Fellow, Governance Studies, Center for Technology In I @Cam_Kerry  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In I @Cam_Kerry  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In I @Cam_Kerry  Walter D. Valdivia Fellow, Governance Studies, Center for Technology In I @Cam_Kerry  Blog Roll  AAAS SCIENCE INSIDER DIGITIMES FICE BLOG FILLICON VALLEY NEXTGOV NOTE BLOG OFFICE OF SCIENCE AND TECHNOLOGY POLICY OPEN TECHNOLOGY INSTITUTE RECHORUCH TECHNOLOGY POLICY INSTITUTE THE SWITCH TECHNOLOGY POLICY INSTITUTE THE SWITCH THE VERGE WIRED  Most Viewed Blog Posts  WHY ARE INTEREST RATES SO LOW?	ar for Technology Innovation  ar for Technology Innovation  are Governance Studies, Center for Technology Innovation  according to the Common Studies of Technology Innovation  accordinate to
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  NEWSLETTERS FROM BROOKINGS  Governance Studies Update  Patter email dubbress  SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation  Comeron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fellow.  Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fellow. Governance Studies, Center for Technology in  Walter D. Validivia Fellow, Governance Studies, Center for Technology in  Walter D. Validivia Fellow, Governance Studies, Center for Technology in  Walter D. Validivia Fellow, Governance Studies, Center for Technology in  Walter D. Validivia Fellow, Governance Studies, Center for Technology in  Walter D. Validivia Fellow, Governance Studies, Center for Technology in  Fellow, Governance Studies, Center for Technology in  Walter D. Validivia Fellow, Governance Studies, Center for Technology in  Fellow, Governance Studies, Center for Technology in  Walter D. Validivia Fellow, Governance Studies, Center for Technology in  Fellow	er for Technology Innovation  for, Governance Studies, Center for Technology Innovation  for, Governance Studies, Center for Technology Innovation  for policy ideas  Email Us  TachTank  ATION
Innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  Newsterrers from Brookings  Governance Studies Update  Enter email address  SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation Common F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Ann R. and Andrew H. Tisch Distinguished Visiting Fell Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Anal Studies, Center for Technology In Cameron F. Kerry Anal Studies Anal	er for Technology Innovation  for, Governance Studies, Center for Technology Innovation  for, Governance Studies, Center for Technology Innovation  for policy ideas  Email Us  TachTank  ATION
innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  **NewSLETTERS FROM BROOKINGS**  **Overnance Studies Update**  **Enter email address**  **Darrell M. West**  Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation	er for Technology Innovation  for, Governance Studies, Center for Technology Innovation  for, Governance Studies, Center for Technology Innovation  for policy ideas  Email Us  TachTank  ATION
Innovation, and governance. Our goals are to highlight new data and United States and around the world.  View all blogs >  Contributors from Brookings  Governance Studies Update  Enter ented addrass  SUBMIT  CONTRIBUTORS TO THIS BLOG  Darrell M. West  Vice President and Director, Governance Studies Founding Director, Center for Technology Innovation  Vice President Andraw I. Tisch Distinguished Visiting Fellow, Governance Studies, Center for Technology Innovation  Walter D. Validivia Foliow, Governance Studies, Center for Technology In  Pellow, Governance Studies, Center for Technology In  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Walter D. Validivia Foliow, Governance Studies, Center for Technology In  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Walter D. Validivia Foliow, Governance Studies, Center for Technology In  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Walter D. Validivia Foliow, Governance Studies, Center for Technology In  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Walter D. Validivia Foliow, Governance Studies, Center for Technology In  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Walter D. Validivia Foliow, Governance Studies, Center for Technology In  Share your  Share your  Processor  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Walter D. Validivia Foliow, Governance Studies, Center for Technology In  Foliow, Governance Studies, Center for Technology In  Processor  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Processor  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Processor  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Processor  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Processor  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Nam Yaraghi Fellow, Governance Studies, Center for Technology In  Na	er for licensology innovation  few, Governance Studies, Center for Technology Innovation  tech policy ideas  Email Us  TechTank  ATION  INCS GLUT
Innovation, and governance, Dut goals are be highlight new data and unless States and stooded the world.  View all Dogs.  REWESTETERS FROM BECORNOS  Forecast and	dees, and provide commentary on adience and technology transis in the  or for Technology Immodition  the Governance Studies Center for Technology Immodition  the Covernance Studies Center for Technology Immodition  the Covernance Studies Center for Technology Immodition  the Covernance Studies Center for Technology Immodition  A TON  A TON  A TON  A TON  Covernance Studies   Covernanc
## Industrial Control of the World  View of Diogo   REWALLETTERS FROM BROCKINGS    REWALLETTERS FROM BROCKINGS     Concentration Studies   Disease     Concentration Studies   Disease     Extended address   SUBBIT     Control of This BLOG	ar for Technology Innovation  are for Technology Innovation  tech policy Ideas  Email Us  TechTank  ALON  MISS GUT
Incodes Acts and accord the words.  View all blogs i  NewsLetters RROM BROOKINGS  Recommence Shaders Used In Section States and United States and United States and Incodes Used In Section States In Section Section States In Section Section States In Section Sectio	ATION  NICES GLUT  ATION  AND THE ART TRAFFIC CONTROL System: A user cooperative of the art traffic control system: A user cooperative of the art traffic co
INCIDENTIAL OF SIGNATURE STORES AND TECHNOLOGY INCIDENT SIGNATURE  INCIDENTIAL SIGNATURE STORES AND RECOGNICAL STREET SIGNATURE  INCIDENTIAL SIGNATURE SIGNATURE  CONTRIBUTIORS TO THIS BLOOK  DATE OF THIS BLOOK  CONTRIBUTIORS TO THIS BLOOK  DATE OF THIS BLOOK  SUBJECT SIGNATURE  SUBJECT SIGNATURE  SUBJECT SIGNATURE  CONTRIBUTIORS TO THIS BLOOK  CONTRIBUTIORS TO THIS BLOOK  SUBJECT SIGNATURE  SUBJECT SIGNATURE  SUBJECT SIGNATURE  CONTRIBUTIORS SUBJECT SIGNATURE  North Signature  CONTRIBUTIORS SUBJECT SIGNATURE  North Signature  CONTRIBUTIORS SUBJECT SIGNATURE  INCIDENT SIGNATURE  I	an for Technology Innovation  are for Technology Innovation  too. Covariance Studies, Contar for roomology Innovation  tech policy Ideas  Email Us  Technology Innovation  Amon  Microsofter  Amon  Microsofter procedure  Amon  Amon  Microsofter procedure  Covernance Studies, Contar for roomology Innovation  Covernance  Covernance Studies, Contar for roomology Innovation  Amon  Amon  Amon  Microsofter procedure  Covernance Studies  Covernance St
Investor, and governance Out-goals are to highlight raw data and Out-set State and Out-set Out-set State and Out-set	as for Technology Innovation  as for Technology Innovation  be Covernance Studes, Center for technology innovation  tech policy Ideas  Email Us  TechTank  Allow  Michael Country  Allow  Allow
## CONTRIBUTION OF THIS BLOG    Contribution   Con	As and processors  The international system: A lister cooperative and state of the system and th
REGERIAL PROCESS CONTROLLEY  PROCESS CONTROLLEY AND THORSE STUDIES  REGERIAL PROCESS CONTROLLEY  REGERI	ACCOUNTS A CONTROL OF THE CONTROL OF