

INFOCITY AUDITOR

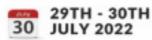
[ISACA Bangalore Chapter - News Letter]





People, Technology and evolving Security. An eventful triangle

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WHY REGISTER

- ⊘ Earn 14 CPE
- Meet, Greet and Connect in this In-person Event
- To register go to https://tinyurl.com/bdhsb26r or scan the QR Code



GRC & CYBER - NEED FOR INTEGRATION IN DIGITAL TRANSFORMATION @ Royal Orchid Central, 47/1, Dickenson Road, Manipal Center, Bengaluru on 03-Jul-2022 from 2:00 PM - 3:00 PM



ISACA BANGALORE CHAPTER - NOTICE FOR SPECIAL GENERAL BODY MEETING ON 3RD JULY 2022 @ Hotel Royal Orchid Central, Bengaluru on 03-Jul-2022 at 11.00 AM





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Q2 - 2022

From The Desk Of The President

Dear Members,

Greetings of the day to you!!!

ISACA Bangalore Chapter is hosting its 25th Annual Karnataka Conference - the Silver Jubilee edition on the 29th & 30th of July, 2022 between 9:00am - 6:00pm. The Theme of the Annual Conference is : "People, Technology and Evolving Security - An Eventful Triangle". We will be amidst

this great event while you are reading this message. I am sure you would agree that we have put in a lot of efforts to bring this Conference together. This is our Silver Jubilee edition and wanted it to be different from the previous years, so that you - our Member gets all the benefit from these two full days.

We are happy and glad to let you all know that this Annual Conference we will all meet in person. We have been having the virtual conference for the last two years and we meet again and we get the opportunity to listen to the visionary keynote speakers and witness knowledge enriching sessions. Alongwith that you would also have the opportunity to visit various stalls, networking opportunity and various other jaw struck activities and many prizes to be won during the session. We will follow the COVID precautions while we are hosting this big event and hence request all of you to cooperate with us and make this as a grand and a successful event.

While we have been constantly looking at opportunities to get you the maximum benefit and value, we also, would like to invite your active participation in sharing the events happening with your fellow colleagues, family and friends and help us to spread the visibility of ISACA Bangalore Chapter. We also have in many occasions called for contributions from each one of you towards the quarterly newsletter, white-paper contest and any other activities hosted by ISACA Bangalore Chapter. Please feel free to reach out to us.

1st Saturday of October, this year will be celebrated as Community Day across and we from ISACA Bangalore Chapter actively participate in the same. We will look forward for your participation in this noble cause. Those of you interested, please nominate yourself for the event and also reach out to our Chapter manager for getting additional information.

We felt the need to amend our existing By-Laws and incorporate certain key pointers which needed some enhancements to meet the environmental changes. Therefore, we formed a committee within the Executive Committee Members, who was tasked to meet up regularly and ensure all missing links are connected to the maximum possible. We were completely occupied in ensuring all the enhancements were called out clearly and addressed in the latest template which aligns with the HQ requirement. We followed all relevant protocols and hoping to get these amendments registered successfully in the coming days.

We solicit your active participation in the Chapter events and initiative including the monthly CPE, Newsletter articles, review classes, intro-seminars.

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Warm Regards,

VELMURUGA VENKATESH, CRISC, CDPSE, COBIT-5 (F), ISO 27001 LA, ISO 31000 CRM President

Message From the Vice President

Dear Members,

Greetings!!

We hope this message finds you healthy and happy. Good news is that adoption of security solutions has increased, and many businesses have increased their spend faster than expected as a result of the crisis and WFH solution. We look full of hope and pray for happier times ahead.



The information security community and industry started meeting together more than it has ever. What's more, the pandemic crisis is no more a big news, it is very good for optimistic thinking individuals to envisage that we will be able to walk the aisle of packed conference floors, physically network, collaborate and share knowledge with our infosec colleagues and friends around us and by God's grace it is going to happen on 29th and 30th Jul.

We at the ISACA Bangalore chapter as part of the Silver Jubilee edition of our annual Karnataka conference back to our original in-person event. The theme is "**People, Technology and evolving Security....An eventful triangle**". We have very interesting topics lined up for you by industry leaders in their respective domains, thank you all, including our speakers for your active support, commitment, and enthusiasm in participation in the silver jubilee edition of annual conference.

I am sure you are seeing our effort: a raft of posts across social media and emails announcing the Silver Jubilee edition of our annual conference in physical format. This year we tried our best to involve ITBT government officials for annual conferences and to understand if ISACA can contribute a little bit for government initiates. We would request all members and their friends and colleagues to join the event and which is designed with reasonable cost with good return of investment to our members.

A special general body meeting was organized during the first week of July to amend the bylaws as per the new template released by ISACA HQ. The bylaws were reviewed in detail and happy to note active participation from members. We also organized an in-person CPE event after a long gap after the SGBM at Hotel Royal Orchid and was well received by participants.

Our Chapter continues to engage members and provide value to members through online CPE sessions. We request more members to avail the CPE session and encourage more members to actively participate and engage.

Lastly and before I sign off, I would like to say a huge thank you to our chapter EC, our members and partners for their hard work throughout the last few weeks and my best wishes to the silver jubilee edition of Annual Karnataka conference. I am sure we are moving steadily, transitioning into a brighter future.

Looking forward to meeting you at the 25th Annual conference.

Regards,

RAJASEKHARAN K R, CISM, CDPSE, CRISC, PMP, ITIL (E), CSM, SAFe, ISO 27001 LA Vice President

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Message From Secretary

Dear Members of the ISACA!!!

"From better collaboration to more opportunities for creativity, meeting in person is still the best way to build stronger relationships."

I am delighted to bring greetings in this issue of the July 2022 ISACA Bangalore Chapter newsletter.



In this year of globalization, it is the young power of India that is really putting India on the global map. We live in a seamless techno word, where opportunities really know no boundaries. ISACA Bangalore Chapter is shaping up as a formidable contributor of business technology professionals and their enterprises around the world realize the positive potential of technology.

We are all set for the 25thAnnual Karnataka in-person Conference. The theme of the conference is "People, Technology and evolving Security – An eventful Triangle". We have an incredible line up of speakers, panel discussions and demos waiting for you at the Conference. All Members are invited to the 25th Annual Karnataka in-person Conference on 29th & 30th July 2022 at Sterlings Mac Hotel, Bengaluru

I hope to see you in person on 29th & 30th July 2022. Step into a world of empowerment.

Happy offline Hours of ISACA Bangalore Chapter!

Regards,

VIJAYAVANITHA, CISA, CIA, MBA, M. Com, Secretary



RENEWAL OF ISACA MEMBERSHIP FOR THE YEAR 2022

Warm Greetings from ISACA Bangalore Chapter!!!

We thank you for your continued support and commitment to professional excellence by earning one or more of ISACA Certifications.

Use your ISACA^{*} membership and ISACA certification(s) as the platform for your growth by utilizing the opportunities for professional development. As you would have experienced, your ISACA membership and certification(s) increase your advancement opportunities by keeping you informed of standards and good practices in the fields that matter most to you and providing access to leading edge research and knowledge through Journals, Webinars, Blogs, ISACA e-library, local chapter events and many more.

Also, you are aware ISACA Bangalore Chapter provides significant benefits and local networking opportunities to its members. The chapter has been in the forefront and served its members in their quest for acquiring professional knowledge by conducting regular CPE Sessions, Webinars, Conferences and other professional development programs. At the chapter it is our endeavor to bring to the table the most relevant of the current topics and encourage active participation of members.

Visit www.isacabangalore.org for more information.

Now it is time for renewing your ISACA^{*} membership for 2022 if not already done. Please ensure to renew your membership before the PURGE to ensure the benefits arising out of continued membership.

Please click below to renew (login with your ISACA username and password to renew) http://www.isaca.org/renew

In case you need any assistance, please do not hesitate to reach out to Chapter Office at chapter@isacabangalore.org

For your information, the membership dues are indicated here below:

International Membership Dues: **\$135.00** ISACA Bangalore Chapter Dues: **\$10.00** Total Dues for 2022 membership renewal: **US\$ 145.00**

Note: Apart from the above, certification maintenance dues may apply as per the certifications held.

Recap of Chapter Programs in Q1, 2022

CPE SESSIONS:

- 1. Topic : "Third-Party Cyber Risk"
 - Venue : Web-based ONLINE session via Zoom Webinar Platform
 - Date : 23-Apr-2022 (Saturday) Time : 5:30 PM 7:30 PM IST

2 CPE Credits offered

With the global increase in cyber-attacks, corporate have been ramping up their Cybersecurity defenses. Attackers have found new attack surfaces among the supply chain. With increased digitalization, third party risk is on the rise.

The session covered:

- Understand third-party risk
- Understand challenges in third-party risk management
- What organizations should do?

Speaker Profile: Mr Anil Aravind, Partner - Crowe Advisory Services India LLP

Mr. Anil Aravind, Cyber Security professional with over 23 years of experience comprising IT & Security consulting, information security management, IT & security audits, cybersecurity consulting, ethical hacking.

 Topic : "Cyber Security and Fraud Prevention in AI/ML-Driven World" Venue : Web-based ONLINE session via Zoom Webinar Platform Date : 25-Jun-2022 (Saturday) Time : 5:30 PM - 6:30 PM IST 1 CPE Credit offered

The world around us is changing, causing an exponential increase in traditional and contemporary risks. Is our organization prepared for it? Are we prepared for it?

The session would cover:

- 1. How AI/ML is changing the world around us?
- 2. How AI/ML can be used to enhance Cyber Security?
- 3. Fraud Prevention techniques using AI/ML.

Speaker Profile: Rajiv Gupta - Vice President & Group Head - Internal Audits - Flipkart

Mr. Rajiv Gupta is an author, speaker and a leader in governance and risk management. He is currently working as Vice President & Group Head - Internal Audits at Flipkart.

Prior to this, he has worked as Senior Vice President - Global Audits at Diageo, Head of Internal Controls for India & South West Asia at Coca-Cola and Assurance Manager with PwC in India & London.

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 Topic : "GRC & Cyber - Need for Integration in Digital Transformation" Venue : Royal Orchid Central, 47/1, Dickenson Road, Manipal Center, Bengaluru Date : 03-Jul-2022 (Sunday) Time : 2:00 PM - 3:00 PM IST 1 CPE Credit offered

GRC & Cyber Security requirements need to be integrated to derive the best out of digital transformation investments.

- 1. Why is it necessitated?
- 2. How can it be integrated with Strategic Purpose?
- 3. The potential benefits
- 4. Topic : "Free Online Introductory Seminar on ISACA Certifications" Venue : Web-based ONLINE session via Zoom Webinar Platform Date : 18-Jul-2022 (Saturday) Time : 6:30 PM - 7:30 PM IST

ISACA Bangalore Chapter - Certification Review Classes

Domain	CRISC	Date	
1	Governance	09.07.22	
2	IT Risk Assessment	10.07.22	
3	Risk Response and reporting	16.07.22	
4	Information Technology and Security	17.07.22	

Domain	CISA	Date
1	Information systems (IS) Auditing process	23.07.22
2	Governance and Management of IT	24.07.22
3 IS Acquisition, Development and Implementation		31.07.22
4 IS Operations & Business Resilience		06.08.22
5 Protection of Information Assets		07.08.22

5. ISACA Bangalore Chapter - Notice for Special General Body Meeting on 3rd July 2022 Venue : Hotel Royal Orchid Central, Bengaluru

Date : 03-Jul-2022 (Sunday) Time : 11:00 AM

SPECIAL BUSINESS:

To consider and if thought fit, to pass with or without modification(s) the following as an Ordinary Resolution:

1. Amendment of Bylaws and adoption of New Bylaws



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About the Author:

EVALUATING ETHICAL CHALLENGES IN AI AND ML

- Joshua Scarpino, CISM, CISSP Global Manager - Security & Compliance at Harver

Source – ISACA Journal, Volume 4, 2022

Joshua is the Vice President of Information security at Sales Boomerang and a proven technology leader that is passionate about cybersecurity and development of people in this field for over 18 years. He has extensive experience in security, with expertise cyber operations, risk management and leadership.

In general, privacy, bias and discrimination are currently receiving a lot of attention. However, it is common for them to be under prioritized in technology implementations and treated as isolated issues, only receiving attention when necessary. Many organizations instead prioritize goals such as efficiency gains or increased profits, which often require richer data sets, but they fail to consider the eventual impact of their data handling methodologies on foundational social justice issues.

- The consequences of implementing technologies without fully understanding the privacy, bias and possible discrimination issues they pose threaten both individuals and enterprises. Built-in bias can negatively affect an individual's ability to receive fair treatment in society. For Organizations, the negative potential includes reputational damage, financial impact, litigation, regulatory backlash, privacy concerns and diminished trust from clients and employees.
- Developers of technology applications should aim for them to be impartial, unbiased and neutral, and organizations should consider these foundational issues during the implementation of emerging technologies to ensure that bias and discrimination are not fundamental components of a system's design.

Ethical Behavior:

Ethics are generally defined as a set of standards for determining what behavior is considered right and wrong in a particular group, culture or society based on accepted norms. Although there is often consensus regarding some behaviors - lying and cheating are typically considered unethical - opinions about what constitutes ethical behavior can sometimes diverge dramatically from one culture to another. Some of the ethical dilemmas that relate to technology include using artificial intelligence (AI) to replace humans in performing certain roles and leveraging these systems to make automated decisions within organizations with little to no oversight, ultimately resulting in possible adverse outcomes for society.



Creating Trusted Systems:

Current industry examples and expert opinions can be used to determine whether organizations would benefit from quantifying the potential privacy, bias and discrimination risk present in their technology implementations. A model can be used to understand how organizations currently handle this risk and highlight the benefits of a unified approach that implements technological controls while raising awareness of potential ethical concerns associated with these fundamental social justice issues. The benefits of developing such a model and assisting organizations in highlighting these critical issues during technology implementation and design phases are evident, compared to the disadvantages of implementing technologies without considering these fundamental issues. It is essential to examine the relevant requirements for a given system and current approaches that an organization may be leveraging to understand those risk areas prior to implementation to ensure that critical issues regarding potential bias are appropriately addressed. A preliminary review can provide a starting point for a conversation, help increase awareness of these problems and provide a basis for remediation efforts that will mitigate the identified risk.

Conclusion:

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For this conversation to advance, current industry behavior patterns need to be addressed. Favoring operational goals and efficiencies without prioritizing ethics is no longer an acceptable approach. The climate may be changing, as revealed by the challenges some large enterprises have faced over the biases designed into their systems and deployed at scale. Some have reevaluated and modified their technology implementations to address built-in bias and refined their approaches. Designers of systems must acknowledge the tendency to impart their individual biases into systems. Further, enterprises must realize that when technology implementations have built-in biases, using them to leverage data sets may perpetuate discrimination at scale. One promising path forward is to adopt and add distinct steps to the AI and ML life cycle. ensuring that ethical and privacy concerns are fundamental components of all design and development processes for AI and ML. Furthermore, a process that validates the potential residual risk after development but before implementation to ensure expected outcomes is vital. For sustainable confidence in technology and organizations, it is vital to ensure that emerging AI and ML systems uphold individual rights to fairly and equitably participate in society.



About the Author:

OPERATIONAL RESILIENCE : PREPARING FOR THE NEXT GLOBAL CRISIS

- *Sumedha Adavade*, CISA, ISO 27001 Lead Auditor, AVP - First Abu Dhabi Bank

Source – ISACA Journal, Volume 3, 2022

SUMEDHA is a risk management professional with over 14 years of experience in in risk, compliance, audit and information security, providing risk-mitigating solutions and assurance to banks and other financial institutions.

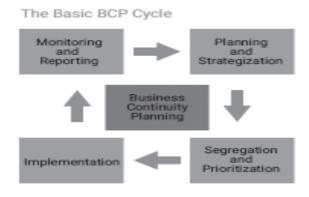
Although resilience in business operations has been a priority for organizations since before the onset of the COVID-19 pandemic, the ongoing global pandemic has made resilience more critical than ever. Even the smallest organizations have made business continuity, backups and succession planning considerations within routine operations. This newly established importance of operational resilience will have a lasting impact on enterprises.

Operational resilience is a term that can be used in a wide range of industries; it cannot be narrowed down to one specific sector. The COVID-19 pandemic has equalized enterprises across all sectors and industries in terms of operational resilience. Though much work has been done to achieve resilience throughout the last two years, this is a developing area and there is a long way to go for all involved, especially because the world continues to deal with the ramifications of the pandemic.

Many organizations believe that operational resilience is the outcome of effective operational risk management (ORM). Although some enterprises may merge operational resilience with ORM, others work on it parallel with ORM or use input from ORM to achieve it. But there is more to it. It is worth examining a new outlook toward operational resilience, the challenges it introduces and some ways to address them. The traditional BCP practices implemented by organizations need insights and inputs from external situations to be prepared for any crisis situation at a given point in time.

Implementation:

Business continuity planning (BCP) has been a part of organizations' usual business and operations policies and procedures for quite some time. The main conceptof BCP is to be prepared for crisis events based on different scenarios. Every department and function in an organization has different critical activities and processes that need varying degrees of planning during crisis. BCP consists of four basic phases.



However, the lessons learned from the global pandemic demand more. Operational resilience goes a step ahead of BCP, in that a resilient organization learns, adjusts and fine-tunes the business continuity activities and practices based on current external situations related to those activities. Between the planning phase and the monitoring phase, there is a sub-phase that is required: situational analysis. This phase involves keeping tabs on external situations related to business practices and then fine-tuning plans. One example of this change would be organizations adopting a work-from-home or hybrid working model due to the COVID-19 pandemic.

Considering this new sub-phase of situational analysis, there are five steps that may help an enterprise achieve operational resilience: defining important business activities, setting impact tolerances, determining process and system ownership and accountability, ensuring third-party resilience, and adhering to regulatory requirements.

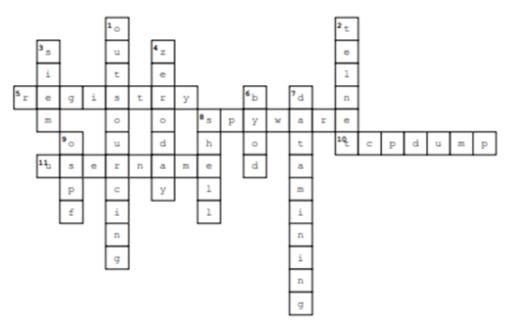
- Step 1 : Defining Important Business Activities
- Step 2 : Setting Impact Tolerances
- Step 3 : Process and System Ownership and Accountability
- Step 4 : Third-Party Resilience
- Step 5 : Regulatory Requirements on Operational Resilience

Conclusion:

The global COVID-19 pandemic has made it clear that the modern world is volatile, uncertain, complex and ambiguous (VUCA). 7 Moving forward, operational resilience will be at the heart of every enterprise. To be prepared for future global crises, it is crucial that operational resilience be managed proactively and with conscious effort. Hence, operational resilience should begin as part of an organization's business strategy; senior management should be involved at all stages, allowing for efforts to percolate down to ground-level operations so that the organization is prepared to handle unexpected, widely impacting scenarios. To better understand the bigger picture of operational resilience, business continuity should be industrialized with more strategic initiatives from government and public organizations, such as online or physical workshops, best practice sharing seminars, and recognition for the most resilient organizations. This will help enterprises remain crisis ready and contribute to building a resilient economy, secure social life and sustainable use of available resources.

Answers for Q1, 2022 Crossword

CROSSWORD



Across

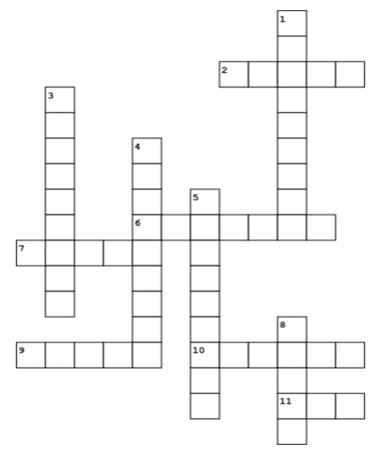
- It is in Windows operating systems in the central set of settings and information required to run the Windows computer
- Malware that passes information about a computer user's activities to an external party
- It is a freeware protocol analyzer for Unix that can monitor network traffic on a wire
- The short name, usually meaningful in some way, associated with a particular computer user

Down

- Obtaining services by using someone else's resources
- A TCP-based, application-layer, Internet Standard protocol for remote login from one host to another
- Process in which network information is aggregated, sorted and correlated to detect suspicious activities
- These are used or shared by attackers before the software developer knows about the vulnerability
- The authorised use of personally owned mobile devices such as smartphones or tablets in the workplace
- It is a technique used to analyze existing information, usually with the intention of pursuing new avenues to pursue business
- A Unix term for the interactive user interface with an operating system
- Routers maintain a database of all routers in the autonomous system with links between the routers

(10)

ISACA BANGALORE CHAPTER CROSSWORD CONTEST - Q2, 2022



Across			Down
2. 6. 7. 9. 10. 11.		1. 3. 4. 5.	Need to impart to everyone to protect the organization process sets out the stages of a possible cyberattack and allows organizations to identify and protect themselves against threats is a framework for securing organizations in the cloud and mobile world that asserts that no user or application should be trusted by default seamless integration of security testing and protection throughout the software development and deployment lifecycle is a quick-repair job for a piece of programming designed to resolve functionality issues, improve security or add new features.

Crossword Created by Ganesan Ramani, Director - Newsletter, ISACA Bangalore Chapter

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Three lucky winners will be awarded Rs.500 gift voucher each.

All the responses will be sent to chapter manager email address (chapter@isacabangalore.org). The responses should contain the photo / scanned copy of the filled crossword, Member name, ISACA ID, email and contact phone number.

Last date for sending the crossword results is August 25th, 2022.

Terms & Conditions:

- a. This contest is only for ISACA Bangalore Chapter members only. Other ISACA chapter members and non-members are not eligible to participate in the contest.
- b. In case if there are only one or two winners from the total entries then the vouchers will be given only to them. If there are no winners then no gift vouchers will be given.
- c. ISACA Bangalore Chapter Executive committee reserves all rights to drop / change this program, modify the gift vouchers value

Contributions to ISACA Bangalore Chapter Newsletter

Dear Members,

The ISACA Bangalore Chapter Quarterly Newsletter covers the updates on chapter events, technical articles and whitepapers related to the areas of emerging technologies, IT Governance, Audits and Cybersecurity. In this regard, we encourage our chapter members to send your technical articles and whitepapers to us.

You can send your articles / whitepapers to our chapter email address: chapter@isacabangalore.org

Regards,

Ganesan Ramani

Director - Newsletter, ISACA Bangalore Chapter

Support from ISACA Bangalore Chapter

Website: https://engage.isaca.org/bangalorechapter/home

Chapter Office Address:

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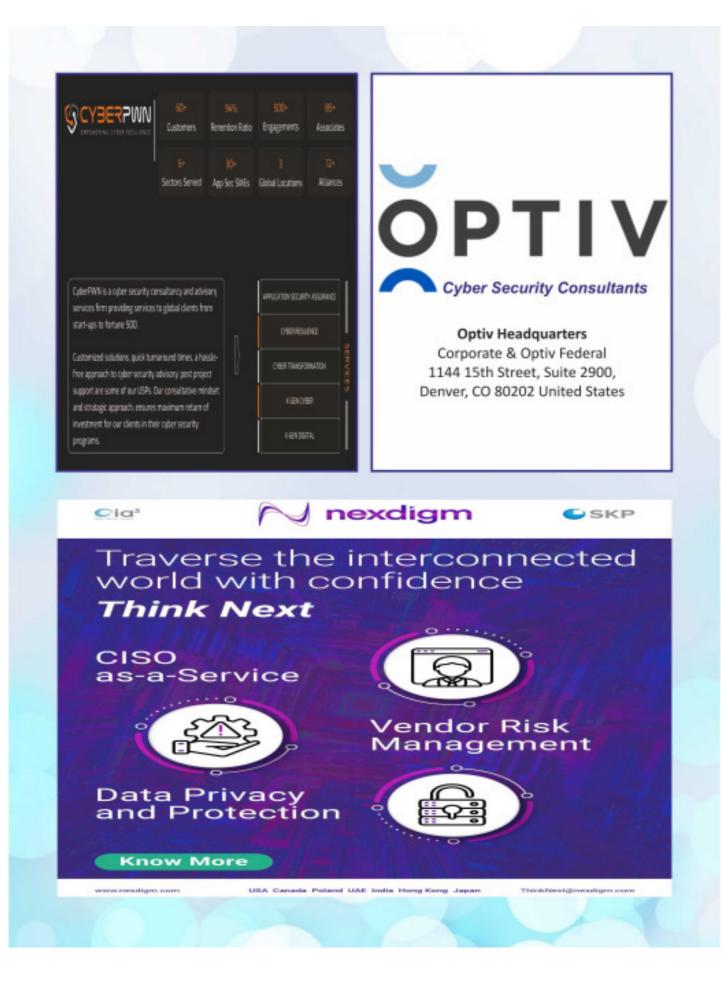
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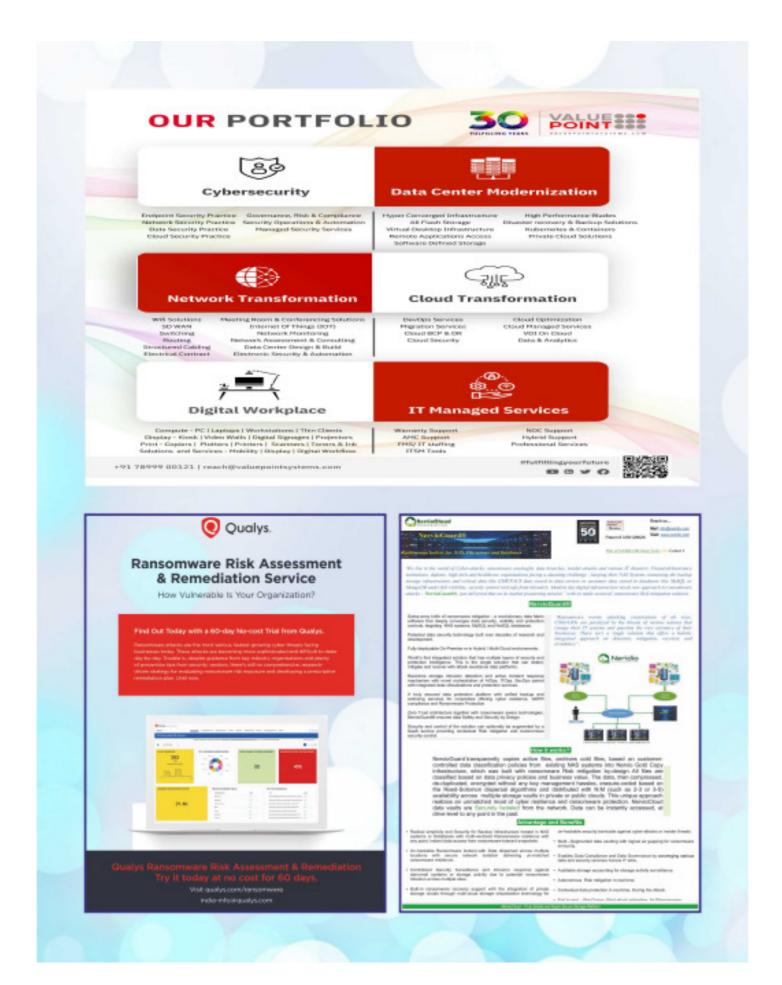


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