Security Certification Roadmap

Communication and Network Security · IAM · Security Architecture and Engineering · Asset Security · Security and Risk Management · Security Assessment and Testing · Software Security · Security Operations

Cloud/SysOps · *nix · ICS/IoT · GRC · Forensics · Incident Handling · Penetration Testing · Exploitation

Expert / Intermediate / Beginner

| GSE |
| CISSP |
| CASP+ |
| CISSP |
| GSEC |
| SSCP |
| Security+ |

Tooltip: GIAC Advanced Smartphone Forensics — $949 exam — SANS course recommended

Selected certification cells (by column):

- Network Security: CCIE Sec, CCIE Ent, JNCIE Sec, CCDE, NSE 8, CCNP Sec, JNCIP Sec, PCNSE, NSE 7, F5 CSE Sec, CCSM, PCSAE, CCNP Ent, PCCSE, NSE 6, CCSE, JNCIS Sec, F5 CTS APM, NSE 5, CCNA, PCDRA, F5 CTS DNS, CWSP, CREST CNIA, NSE 4, F5 CA, eNDP, eWDP, MNSE, PCNSA, OWSE, JNCIA Sec, NSE 3, WCNA, CCSA, ITS-NS, CCT, Net+, PCCET
- IAM: CIMP, CIAM, CIDPRO, CCSP, SF CIAMD, CIGE, CIST, SC-300, CAMS, SC-900
- Cloud/SysOps: VCDX DCV, RHCA, VCIX DCV, LFCE, GIAC ICS612, AWS SAP, AZ-305, RHCE, GDAT, SC-100, VCIX NV, LPIC-3, ISA CE, GDSA, Google PCSA, SCE, GCTD, GCSA, GCWN, GPPA, CACE, GPCS, GRID, CIS LI, MS-100, PDSO CDE, VCP DCV, CKS, LFCS, SFCTA, RHCSA, TUV COTCP, AWS CSS, SFCCCC, EXIN PCSA, CKA, AZ-500, CSA CGC, VCP NV, CKAD, LPIC-2, GCIP, GCLD, AWS CSA, EXIN PCD, CLCSM, CCSE, MCSE, ISA CRAS, AZ-104, Google PCSE, EXIN PCSM, MDSO, SCA, ISA CAP, CSA CCSK, C)CSO, DCA, LPIC-1, GICSP, Server+, PDSO CDP, EXIN PCD, KCNA, Linux+, AZ-220, Cloud+, Google ACE, LFCA, ISA CFS, EITCA/IS, AZ-900, MCSF, MSAF, AWS CP, EXIN PCA, A+, Apple ACSP, CACS, CIOTSP, Cloud Essntl
- Asset Security: ASIS CPP, TOGAF, CIPT, CDPSE, CIPA, DCPP, CIMP, CDP, ASIS APP, CIPP, CIPM, EPDPF, EPDPE
- Security and Risk Management: ITIL Master, CISSP Concentrations, PgMP, Zach EAPro, PMP, CISM, S-ISME, CCISO, EEXIN ISM, PSM III, ITIL SL, Zach EAP, GSLC, S-CISO, ITIL MP, Scrum SPS, GLEG, CISSM, CAP, HCISPP, CRISC, GCCC, PCI QSA, GWEB, CSM, CASM, CM)ISSO, S-ISP, CISA, GMON, CIS LA, Scrum PSD, GCPM, BCS PCIRM, PEXIN ISM, MGRC, M_o_R P, CPD, PMI ACP, EISM, CGEIT, EXIN 27001E, PECB 27005LA, DCCRP, GCIA, Scrum PAL, CAPM, PSM II, APMG 20000P, C)ISRM, APMG 27001P, PECB 27001LI, CCP, C)ISSO, CIS RM, EXIN 27001P, PECB 27032C, C)HISP, APMG 20000A, C)ISMS-LA, CIS IA, BCS PCIAA, CCSA, PPM, C)ISSM, TUV ITSM, CCRMP, PECB 27005, CSBA, CNDA, DACRP, CISRM, DCRMP, SSAP, GRCP, SACP, CISP, Zach EAA, CAD, CAC, ISMI CSMP, CSCS, APMG 27001F, PECB 27001F, C)SLO, GRCA, CISST, MOIS, CFA, CSA, GFACT, TOGAF Fdn, CSP, IIBA CCA, CITGP, C)ISCAP, CSAP, PECB 27032F, MCL, ITS-C, M_o_R Fdn, Fair Fdn, PSM I, APMG 20000F, ISMI CSM, CC, S-ISF, GISF, ITIL Fdn, Project+, CIISec ICSF, FEXIN, EXIN 27001F, PECB 27005F, C CS F, CIS F
- Security Assessment and Testing: GSNA, GCIA, CTPRA, PECB 27001LA, DevNet Pro, IS20, C)ISSA, APMG 27001A, CASST, DevNet A, CSSC, TUV Auditor, CTPRP, IIA CIA, C)SWAE, CSST, MASE, S-SPF
- Software Security: CSSLP, CSSLP, S-CSPL, OPSA, CSX-P, OPSE, CSX-F, CSCU, MICS
- Security Operations: OSEE, OSCE3, OSWE, OSEP, OSED, GREM, GXPN, GAWN, CREST CSAM, eCPTX, eWPTX, CREST CCSAS, CREST CRT, CRTO II, MCD, MRT, S-CEHL, CREST CRT, S-EHE, eCRE, CFCE, GIME, GCTI, CSFA, GCFA, CSFR, GNFA, BTL2, MTIA, GCFR, CRTO, PACES, OSCP, COP, GCFE, MCPE, PA CRTE, CREST CTIM, eCPTX, eWPTX, eCXD, GCDA, CMFE, CCTHP, GCIH, GPEN, OSWP, CRTO, MTH, CDRP, eCDFP, MDFIR, LPT, PNPT, GCPN, CCE, CM)DFI, CREST CRIA, CREST RTIA, PA CRTP, GWAPT, OSMR, GCPT, CREST CMRE, GSOC, GBFA, BTL1, MBT, MPT, CPENT, CREST CWAT, GEVA, HTB CPTS, MRE, CREST CHIA, EnCE, ACE, eCIR, C)IHE, CSTL, eCPPT, eWPT, CM)IPS, HTB CBBH, OSIP, Cisco COA, C)CSA, CHFI, S-TA, ECIH, C)PSH, CMWAPT, C)PTC, CRTOP, CSR, CySA+, CSX-P, C)NFE, GOSI, C)TIA, OSDA, eMAPT, BSCP, OPST, OSWA, CREA, SC-200, MRCI, EDRP, CFR, CTIA, CSTM, eJPT, S-EHP, CHAT, CREST CPSA, C)DRE, GSOC, GBFA, MDFIR, CEH, C)PTE, DV RTOS, DV OTD, MVRE, OPSA, CSAE, ASIS PCI, MAD SOCA, MAD CTI, CSA, GFACT, C)VA, DV MoS, Pentest+, CREST CSAS, ECES, OSIP, CSX-PA, CREST CPIA, MESE, CREST CPTIA, MCPT, C)PEH, GCPEH, ECSS, C)DFE, S-SA, DV MILF, CIRM Fdn, EEHF, S-EHF, CHA, OPSE, CSX-F, CND, C)SP, C)VA, KLCP
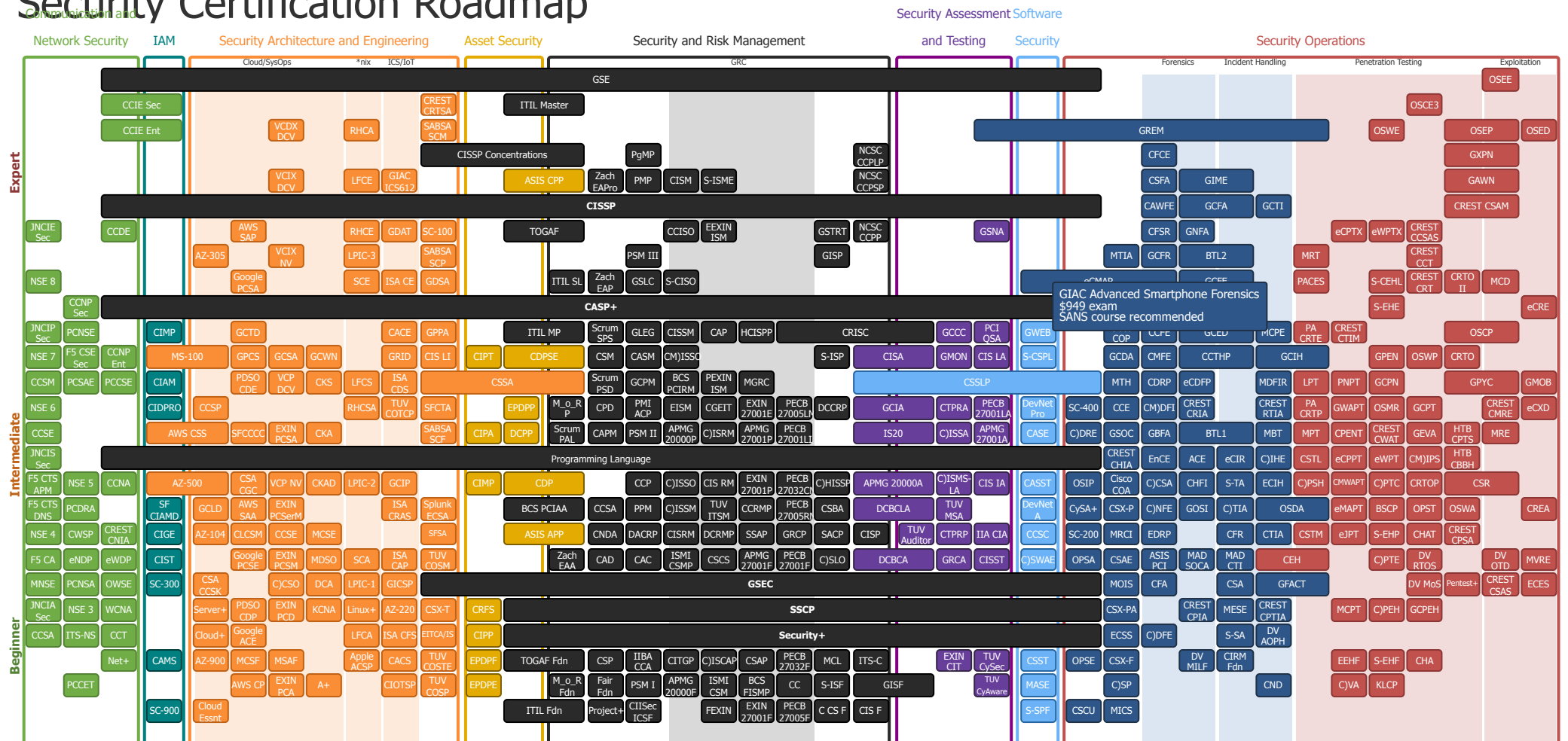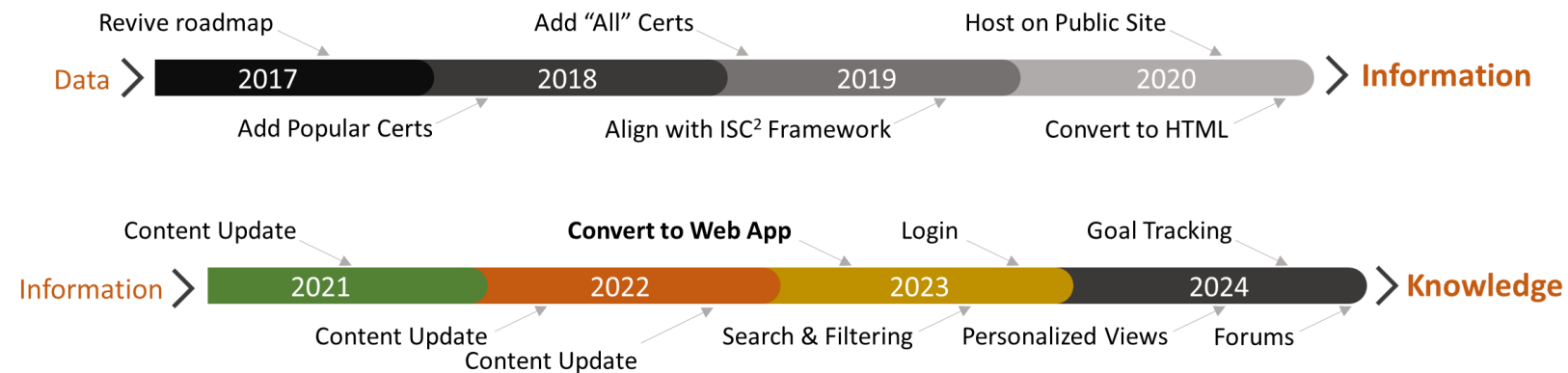
Update Plans

August 13, 2022 – Paul Jerimy

I have received a lot of feedback on this security certification roadmap. Much of it is discussions and opinions on where certifications fall on the chart, but many others are feature requests.

I want to let you know I hear you loud and clear and have started working on converting this HTML chart to a Javascript chart so that I can add code for the features on the roadmap below:

Roadmap of a Roadmap

Data					Information
Revive roadmap	Add "All" Certs		Host on Public Site		
2017	**2018**	**2019**	**2020**		
Add Popular Certs	Align with ISC² Framework	Convert to HTML			

Information					Knowledge
Content Update	**Convert to Web App**	Login	Goal Tracking		
2021	**2022**	**2023**	**2024**		
Content Update	Content Update	Search & Filtering	Personalized Views	Forums	

Future Plans

Knowledge > Skill Mapping > Career Tools > Training Recommendations > Job Board Integration > eLearning Site Integration > Goal Tracker Integration > **Wisdom**

Note: This roadmap assumes that I continue to work by myself with input from the community. I do not have the skillsets to complete milestones past 2022 and will need to learn as I go while working my day job and continuing my own cyber education. This means that this roadmap is wildly unreliable.

Updated: **Q3 2022**

Next Steps

The next step is for me to learn Javascript so that I can remake the chart in a way that I can bolt the above features onto. I'm not starting from scratch, but my programming skills mostly revolve around powershell scripting so it will be a big effort.

Once I have a shell together, I will post the code to GitHub for community feedback and support. The link "React.js Github" below will get you there.

While I do this, please let me know what other features you'd like to see by submitting feedback with the form below.
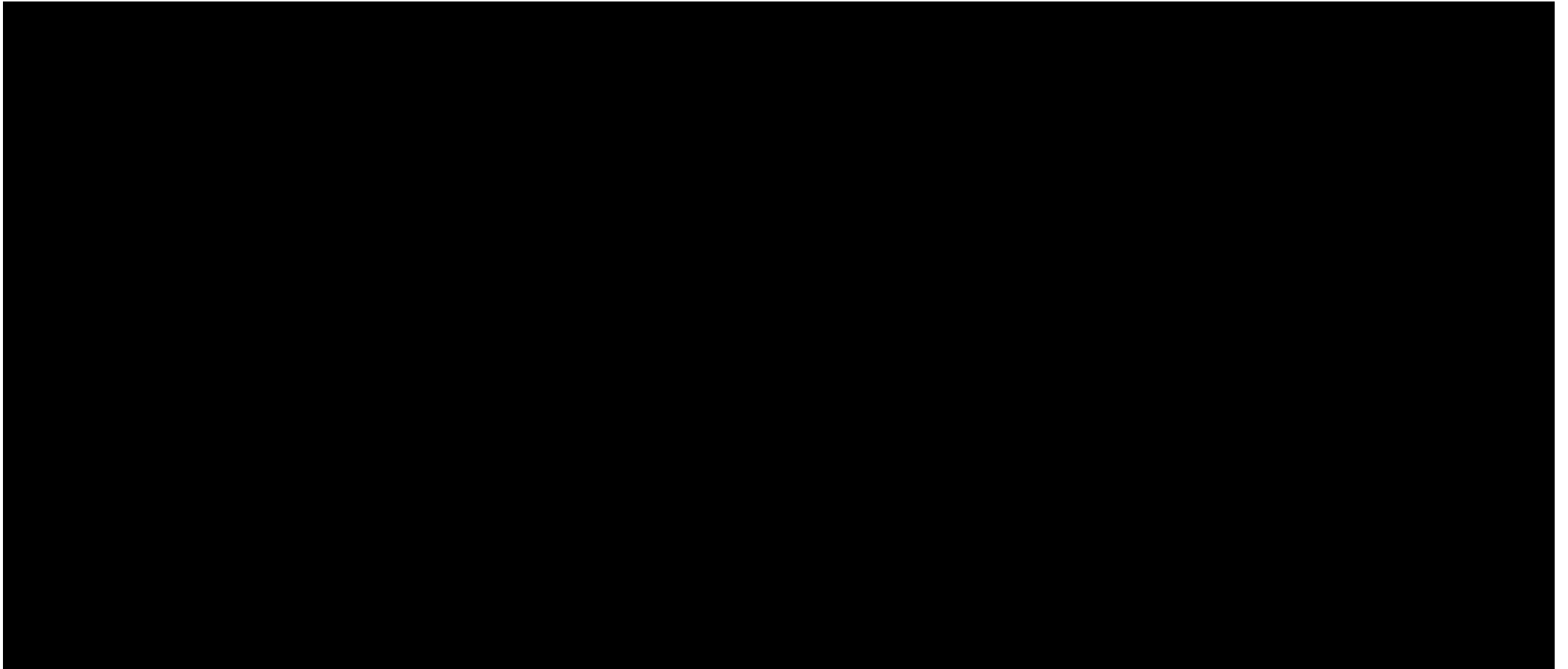
Your feedback is important. It would take a certain type of crazy to take every one of these certifications. That is why this chart has been a community effort since 2017.

Tell us what you think with the form below.

Submit Feedback

If you'd like to directly contribute to the HTML5 +CSS3 coding that goes into this script, please do so at GitHub with the link below.

HTML GitHub

If you'd like to contribute to the future React.js version of this project, please do so at GitHub with the link below.

React.js Github

Categories

Select Category ⌄