

## *Why do Programmers Do What they Do? – Interview Questions*

### Participant Background

- How many years' experience do you have?
  - o <2 years
  - o <5 years
  - o <5-10 years
  - o 10+ years
- What is your current role in your team or organisation? What does this entail?
- Please describe any security education you had before working at your current job?
- Would you like to tell me anything more about your background/experience in the industry?

### Current Work

- Can you give a brief overview of the security protocols and or security features do you regularly use at work? Which have been particularly useful?
- How do you choose what security practices to use and disregard?
- Do you know those practices have been tested within your team/organisation?
- Do you change languages based on the security practice you use? Why?
- Please share if you and your team have adapted any of the approaches to suit your work better
- Does your work provide any training, or is it expected that you know how to program "securely"?
  - o Have you given anyone else support with security education?
- If you have obtained training, has that continued? How has it changed since when you first started. How has it differed from past workplaces.
- What are some difficulties in joining a team with an established process? What was the induction process like?
- Do security practices change based on the requirements of the project? How are they identified?
  - o At what stages of a project is attention given to security and how? - **NATHAN**

- Planning, Requirement Gathering, Design/development, testing, implementation, iterations
- What work do you do in a project on a day-to-day basis to ensure system security? Or if not daily, how often is attention given to security? -NATHAN

## Impacts

- Have you experienced any data/security breaches as a consequence of your work? If so what went wrong, and how was it managed?
- Have there been any lessons learned in your own personal projects and style?
- How have your chosen practices affected your ability to deliver within constraints?
- Can you think of any successes you have had?

## Experience-Based

- What recommendations would you generally give to teams looking to adopt your security practice of choice?
- Do you give other teams/individuals feedback on their security practices?
- What differences do you see between new and experienced teams?
- What common "mistakes" do you see?
- What factors contribute to a successful education on how to use security practices?
- What difficulties did the teams you have worked with share? Which ones were unique? Why?
- What changes have you observed in the security programming landscape in New Zealand?
- IF FROM OVERSEAS OR WORKED OVERSEAS, WHAT DIFFERENCES HAVE THEY NOTICED IN SECURITY IN WORKPLACES IN NZ COMPARED TO OVERSEAS.

Any other issues or comments?