factory

Page no!-02. Crupta Bherskan Sheshnan ayan Avatiti Informatructure Security Sept No! - 12273147 Buorskan 11/01/2021 · misuse, fraud and abuse iii) Legal and Social Responsibilities · Manapoly of desta · Accuracy and bimelines of data 9.2. Aus a A consequences of international orecoming is the exchange of information between providers in different celevities. Ay countries have strict regulations against the enport of energypticen algorithms and thus is BISM works arcued it. When a user toxies to use his/her phoene in another country, the local network requests the HES. HER of the subscribers & hame network of the RAND. SRES and KC which is sufficient for outhentreation and energyting The varicous security algorithms are as! i) Authentication Algorithm A3!- It is operation - dependent and is an operation option. It is a one-way function. That means it is easy to compute the cereput Page No. Gupta Bhaskan Shishnarayan Asati 03. Infanstructure Security Seat No: 12273147 11/01/2021 parameter SRES by using the A3. algorithm but Low the content morning to from the output porrameter. While it many Sound odd that each reprorter many cheecese to use A3 andependently. ii) Ciphering Algorithm A5:- Coverently, there enist several implementations of this algorithms though the most commonly used ones are AS/O, AS/I and AS/2. The reason is due to enport restrictions of energetion bechnoelogies. AS/1 is the strongest version, while AS/2 is the conmonly resed in ASIA Countries under UN Sanctions. iii) Ciphering Kees Cremerating Alexandrum 483-It is opererten-dependent in most prom provides the A3 and A8 Algorithms we combined into a single host functions Known as COMP 128.

Page a. Oupta Bhaskon Sheshnanayan Asati Sufrastnuture Security Seat No ... 12273147 Bhaskar 11/01/2021 Even though there one many benefits of cloud, before one can mave data or business the the Ans d. cloud, it is essentiall be the owns. Moeving any data the land can be mallenging and expensive. She following are the crish associated! i) Dorta breaches! - It involves the uncruthanized or illegal vicwing, access con retrieval of dato by an individual, application con Service. It is the most vouceal trirect ors it affects as sensitive content and also it can cause major downfalls as well as the whole industry. ii) Contractual Breaches with Ceistoniers con Business Partnery. -Su two entities have agreed be work bogether and decided how they can use sensitive dorta along the authorization of users to access the same clata. iii) Dorta leass: - It is one of the most common cloud security rushs in the traditional area data lees in represented as the thest of the important papers or any other consideration classes But in the computarized era, if your

Page No. Gupta Bhaskar Sheshnarayan Arati Infrastructure Security Seat No: 12273147 Bushan 11/01/1021 hard disk is not working properly con your Software in not updarted. It can occur ou! -· Rata corruption · Date stolen over the network. · Virus infection. deleting one con meer files. Q.Z. Ary A buffer overflow vulnerability seews when fore give a program been much closta o Sue encess data corrupts nearby space in memory and may after other data. As or oresult, the program night reposet an error ca behove differently. These overflow are difficult tre find and emplerit. They are also neet as common as other vulnerabilities. Buffer Overflow can have two system von consequences. Such attack often let the affacker gain shell alless and therefore full control of the exerciting System. It may stop orienning pragrams and as a viesult, couse à Denial of Sowice. Share are two primory types of buffer overflow vulnerabilities!

Gupta Bhaskar Sheshnarayan Arati Sugrest necture Scewity Seat No: 12273147 Bhaskan 11/01/2021 i) Stack Overflow! - the issue explies be Stack, which is memory space used by and function return addresses. ii) Hear Overflow's the "ssees applies to heap, which is memory space resed to Store dynamic dota. The amount memory space resed to store dynamic data.