Parallel and Distributed Lomputing - CSE-4001 Manoov. 2. Name - Yashraj Agarwal Reg. No. - 18BCI d 183 Slot - C1 Theory Digital Assignment Question - Write a critical review of any highly cited recovered paper in the field of Parallel / Distributed Compiling. The purpose of the assignment is to: to expose the Student to actual suscench Enviloured all Mino etudents orinoisimo -- Enhance critical Skills and carrillon elles railes inumnes.

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The information be aped by braffic features, warnely packed lengths disabling times.

This is called toughts are marking the paper aim to analyze different marking to affice privacy their current accuracy and them.

Perivacy their current accuracy and thems.

That can be used for troofic privacy in future. Padding and Fragmenting: - Pasic Mach arriens Padding - Padding is the insertion of a number of course the stripped of that can the stripped of by the sucipient so that information is not corrupted, but such that the advorcing, measures an altered value of packet length of the ciphosod paded. Foragementing - Fragmenting is another form of factor bouth modification from a single original partition with forestable in particular payload langths. In particle spring out with payload langths. I; i=12-in such that L=L1+L2+--. +44

Suchead must do afted to the newly private packets to allow consist reassembly of the packets to allow consist of Introduced to the New Conginal packets at Intro received towards 1000 to the received towards 1000 to the received towards 1000 to the the received towards 1000 to the the received the the received the the received to the received the the received the received to the received the received the received the received to the received the Jackéle une added to the assigned teapfic flag The a objective is to understand the complainty of the information leakage on the client and in of the increasing number of land tordific on. The increasing number of of recent Enforcemental works have demonstrated in the that the supposedly source channels in the Internet are prome to pairacy breaking under many aspects, due to packet toraffic features leaking into a leaking information on the user activity Existing techniques four traffic analysis

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distribution to look like a Tauget distribution

with minimum ownhead. No Eaplicit

Soldien is have all and has to a look in Solution is parovided and parotocal complexity of morphing a given flow inta different our is not 2 Thang at a contrast traffic analysis by means of teraffic neshabing technique. By Euplaining multiple Lynamically subdivided in a set of new flows, and then dispatched among these interfaces and different totalfic features are rushafed on each visit all introduce to hide these of the congruent try

methodology manural madal. Any application top fir flow between an initiation cutity I and the respondent Entity B (eg. dient and some for the given flow). ean de coust into a sequeno of N_1 mounge Sund. 2. Each busite comiste of over one more messages in one Ligation alternate, starting from the initial burst sent by
The initiatory A to the respondence The vector K-KI-... KN of the numbers of messages in each bust 2 message lengths in each burst, denoted as Li- [Li(1)_ LFK)] where i=1 --- N 1 3 message choche, 3 danated as Ti= [Ti(1) -- Ti)(ki)] obeseign. N Examples of nessay Echange of two application four: like http Different types of Masking (b) Alternate mesages like most techniques used signalling and control perotocoly. Optimal Full Masking - Focus on the case of two applications (M=2) and state an optimization problem that yields a constructive solution for a full masking algorithm; that achieves minimum or whead in the set of ideal masking algorithms Inadical and Partial Masking - of bey limitation of deal masking algorithms is the graquisament that the entire flaw be available to decide on marking before sending any message out. This count work for transactional intercative application, whose a mossage brust is percoduced by the application based on privausly received burst prom The granate cutity the Dignal Bust Arbeit Masked Court Mrs Coughial Jourst

Page No. Date: Fixed Pattern Masking Fall on pradical flawman Fixed Pattern Mosking Fall on pradical flawman algorithms in previous sections are statistical in nature of the leat. nature. They imply knowledge of pales of the features of the granie & smo kind of afteriration of the introduced oneshead and les A much simpley and supposedly for from oftimely offereach is fixed fathern making that I input flow, whatever it's originating application, be forced to be framed into predefined policiem with footing Enfarcement of these feat was is obtained paradically. Union emission of a given burst, the sending application Entity shows shapes the mossage (s) making up the Burst according to the designed fixed pallooms by wing fragmenting, padding and delaying. Kesults and Discussion In this paper, It has been trived to assess the performance of several marking algorithms, in terms of ownhead and complainty of a toroge you masking device. We dravacterize that the oftend masking algorithm is under the constraint of project masking. To overcome implementation difficulties arising in case extensive conversational application are marked, practical marking algorithms are found tend get kend prishers, landgo locam el ot on ever mosting only a praction of the owned four.
Pracking masking lets correlation over features
of different bursts look, yet it offers practical realisability of the marking device and scaluced overhead. Though leakage are not time constanting adversaries that