

**Computer Science and Engineering Department, SVNIT, Surat**  
**B.tech.-IV, Semester-VIII**  
**Cyber Law and Forensics - CS402**  
**Final Practical Questions**

**Even numbers**

**(5 Marks each)**

1. Identify the commands that were typed in RUN dialogue box.
2. When the log\_tempering.csv was last opened?
3. Identify USB devices attached to the system.
4. Identify the file having manipulated time stamp.
5. Following is the email header. Analyse the header and identify whether it is legitimate or not.  
If not, from where it was sent.

*Delivered-To: thakarakash@gmail.com*

*Received: by 2002:a17:906:1642:0:0:0 with SMTP id n2csp5543412ejd;*

*Mon, 2 May 2022 03:08:51 -0700 (PDT)*

*X-Google-Smtp-Source:*

*ABdhPJyukG2JFauB86URF4ctdxuBTz/R54U0h5DRgxTg63aeXPb9QKB8I+ycO7aoBZ52OR8vJrAb*

*X-Received: by 2002:a17:907:a414:b0:6f4:750:6f18 with SMTP id sg20-*

*20020a170907a41400b006f407506f18mr10540607ejc.699.1651486131591;*

*Mon, 02 May 2022 03:08:51 -0700 (PDT)*

*ARC-Seal: i=1; a=rsa-sha256; t=1651486131; cv=none;*

*d=google.com; s=arc-20160816;*

*b=PyokD79+IvnJQtwMiY3l7gXA2WHaksRS8hGBXS/ehRb/Oo1pcLYkARPFwbnQaFzdJ*

*+ihai+BuLHkhhGardMGhduS1Y1aPGGmps3glba7Wddim7C4dk/TF0WTqCCWHxo89/P9*

*jGyDiKoqP3SvBJxw0YZLXP/jiGAUkrLS38MtOf5AnWHd4hslhgoTQacN7C3C1qHbcTNJ*

*iMyUgusF7+O+G1Dped92ZLUsmtXb5g+1S703RMXLZ7nM69jcs5KMz7bmCThsbJTK1iiJ*

*QYeftkhIH4Th/mFLzrz4LSeSCWRZUKYSGwr9t7OwJzuI9NwDCsiPvnqwGOq5l5YoN28*

*xJYg==*

*ARC-Message-Signature: i=1; a=rsa-sha256; c=relaxed/relaxed; d=google.com; s=arc-20160816;*

*h=date:message-id:reply-to:errors-to:importance:from:subject:to;*

*bh=xTWQWXB9Va20ZefdSTQkDLd1HzzwHAH0a1kW/aKr3BU=;*

*b=IgvGhG1w5wUUjRVtkeQXxyZqPJM4sAnWbum72TL3k5RFxN17bniiZCjk1Njw17HDh3*

*/pklujm8UnFpoO7PbHokqSF7e6RXZOyQpdiCN3UPXF9RO1GBCKVlz7DUHbu4gzYMSa*

*8GIEE0qZnQylwTH5uQ0f4WMz9GKFY8U3d/26Z/J6LSva14woBVgYryklwSIps5UCliCr*

*0eRFbvU5KPWk6wtDE/TgkBje1+IVi/TXbrfEiv5YHv4MmRH/cb1CiNy+Z6j0OGJMylIR*

*sv43dzEMAvGHIxd3/PvxyUB34J/s/E5B+Z9kUSdzNf/dqdLLwcNJo1Njfw5Q2nXSxqy7*

*Sxxw==*

*ARC-Authentication-Results: i=1; mx.google.com;*

*spf=softfail (google.com: domain of transitioning tajvindarsingh81@gmail.com does not designate*

*101.99.94.116 as permitted sender) smtp.mailfrom=tajvindarsingh81@gmail.com;*

*dmarc=fail (p=NONE sp=QUARANTINE dis=NONE) header.from=gmail.com*

*Return-Path: <tajvindarsingh81@gmail.com>*

*Received: from emkei.cz (emkei.cz. [101.99.94.116])*

*by mx.google.com with ESMTPS id gj22-*

*20020a170907741600b006f38e90d86fsi11059076ejc.256.2022.05.02.03.08.51*

*for <thakarakash@gmail.com>*

*(version=TLS1\_3 cipher=TLS\_AES\_256\_GCM\_SHA384 bits=256/256);*

*Mon, 02 May 2022 03:08:51 -0700 (PDT)*

*Received-SPF: softfail (google.com: domain of transitioning tajvindarsingh81@gmail.com does not designate*

*101.99.94.116 as permitted sender) client-ip=101.99.94.116;*

*Authentication-Results: mx.google.com;*

*spf=softfail (google.com: domain of transitioning tajvindarsingh81@gmail.com does not designate*

*101.99.94.116 as permitted sender) smtp.mailfrom=tajvindarsingh81@gmail.com;*

*dmarc=fail (p=NONE sp=QUARANTINE dis=NONE) header.from=gmail.com*  
*Received: by emkei.cz (Postfix, from userid 33) id 3AE2C18C532; Mon,*  
*2 May 2022 12:08:25 +0200 (CEST)*  
*To: thakarakash@gmail.com*  
*Subject: Sample mail of spoofing*  
*From: Tajvinder Singh <tajvindersingh81@gmail.com>*  
*X-Priority: 3 (Normal)*  
*Importance: Normal*  
*Errors-To: tajvindersingh81@gmail.com*  
*Reply-To: tajvindersingh81@gmail.com*  
*Content-Type: text/plain; charset=utf-8*  
*Message-Id: <20220502100825.3AE2C18C532@emkei.cz>*  
*Date: Mon,*  
*2 May 2022 12:08:25 +0200 (CEST)*

*This is a fake mail for spoofing demo*