Fetch current URL use:

**window.location.href**

1. **having\_IP\_Address:**

**window.location.hostname.match(/[a-z]/i)**

If null then phishing, not null then genuine.

1. **URL\_Length:**

**location.hostname.length**

If length>75 then phishing, >=54 and <=75 then suspicious, else genuine.

1. **Shortining\_Service:**

**function isShortUrl(url){**

**var query = url.split('?');**

**var fragment = url.split('/');**

**// 1. Overall URL length - May be a max of 30 charecters**

**if (url.length > 30) return false;**

**// 2. Query strings exists**

**if (query[1] != undefined) return false;**

**// 3. No fragment or more than 2 fragments**

**if (fragment[3] == undefined || fragment[3] == '' || fragment[5] != undefined) return false;**

**// 4. Max host length of 10**

**if (fragment[2].length > 10) return false;**

**return true;**

**}**

If shortened then phish else legitimate.

1. **having\_At\_Symbol:**

**window.location.hostname.match(/@/i)**

If null then genuine, else phishing.

1. **double\_slash\_redirecting:**

**if(location.href.lastIndexOf("//")>7)**

**console.log("phishing");**

**else**

**console.log("genuine");**

If index > 7 phishing, else genuine.

1. **Prefix\_Suffix:**

**window.location.hostname.match(/-/i)**

If null then genuine, else phishing.

1. **having\_Sub\_Domain**

**// http://data.iana.org/TLD/tlds-alpha-by-domain.txt**

**var TLDs = ["ac", "ad", "ae", "aero", "af", "ag", "ai", "al", "am", "an", "ao", "aq", "ar", "arpa", "as", "asia", "at", "au", "aw", "ax", "az", "ba", "bb", "bd", "be", "bf", "bg", "bh", "bi", "biz", "bj", "bm", "bn", "bo", "br", "bs", "bt", "bv", "bw", "by", "bz", "ca", "cat", "cc", "cd", "cf", "cg", "ch", "ci", "ck", "cl", "cm", "cn", "co", "com", "coop", "cr", "cu", "cv", "cx", "cy", "cz", "de", "dj", "dk", "dm", "do", "dz", "ec", "edu", "ee", "eg", "er", "es", "et", "eu", "fi", "fj", "fk", "fm", "fo", "fr", "ga", "gb", "gd", "ge", "gf", "gg", "gh", "gi", "gl", "gm", "gn", "gov", "gp", "gq", "gr", "gs", "gt", "gu", "gw", "gy", "hk", "hm", "hn", "hr", "ht", "hu", "id", "ie", "il", "im", "in", "info", "int", "io", "iq", "ir", "is", "it", "je", "jm", "jo", "jobs", "jp", "ke", "kg", "kh", "ki", "km", "kn", "kp", "kr", "kw", "ky", "kz", "la", "lb", "lc", "li", "lk", "lr", "ls", "lt", "lu", "lv", "ly", "ma", "mc", "md", "me", "mg", "mh", "mil", "mk", "ml", "mm", "mn", "mo", "mobi", "mp", "mq", "mr", "ms", "mt", "mu", "museum", "mv", "mw", "mx", "my", "mz", "na", "name", "nc", "ne", "net", "nf", "ng", "ni", "nl", "no", "np", "nr", "nu", "nz", "om", "org", "pa", "pe", "pf", "pg", "ph", "pk", "pl", "pm", "pn", "pr", "pro", "ps", "pt", "pw", "py", "qa", "re", "ro", "rs", "ru", "rw", "sa", "sb", "sc", "sd", "se", "sg", "sh", "si", "sj", "sk", "sl", "sm", "sn", "so", "sr", "st", "su", "sv", "sy", "sz", "tc", "td", "tel", "tf", "tg", "th", "tj", "tk", "tl", "tm", "tn", "to", "tp", "tr", "travel", "tt", "tv", "tw", "tz", "ua", "ug", "uk", "us", "uy", "uz", "va", "vc", "ve", "vg", "vi", "vn", "vu", "wf", "ws", "xn--0zwm56d", "xn--11b5bs3a9aj6g", "xn--3e0b707e", "xn--45brj9c", "xn--80akhbyknj4f", "xn--90a3ac", "xn--9t4b11yi5a", "xn--clchc0ea0b2g2a9gcd", "xn--deba0ad", "xn--fiqs8s", "xn--fiqz9s", "xn--fpcrj9c3d", "xn--fzc2c9e2c", "xn--g6w251d", "xn--gecrj9c", "xn--h2brj9c", "xn--hgbk6aj7f53bba", "xn--hlcj6aya9esc7a", "xn--j6w193g", "xn--jxalpdlp", "xn--kgbechtv", "xn--kprw13d", "xn--kpry57d", "xn--lgbbat1ad8j", "xn--mgbaam7a8h", "xn--mgbayh7gpa", "xn--mgbbh1a71e", "xn--mgbc0a9azcg", "xn--mgberp4a5d4ar", "xn--o3cw4h", "xn--ogbpf8fl", "xn--p1ai", "xn--pgbs0dh", "xn--s9brj9c", "xn--wgbh1c", "xn--wgbl6a", "xn--xkc2al3hye2a", "xn--xkc2dl3a5ee0h", "xn--yfro4i67o", "xn--ygbi2ammx", "xn--zckzah", "xxx", "ye", "yt", "za", "zm", "zw"].join()**

**function getDomain(url){**

**var parts = url.split('.');**

**if (parts[0] === 'www' && parts[1] !== 'com'){**

**parts.shift()**

**}**

**var ln = parts.length**

**, i = ln**

**, minLength = parts[parts.length-1].length**

**, part**

**// iterate backwards**

**while(part = parts[--i]){**

**// stop when we find a non-TLD part**

**if (i === 0 // 'asia.com' (last remaining must be the SLD)**

**|| i < ln-2 // TLDs only span 2 levels**

**|| part.length < minLength // 'www.cn.com' (valid TLD as second-level domain)**

**|| TLDs.indexOf(part) < 0 // officialy not a TLD**

**){**

**return part**

**}**

**}**

**}**

**getDomain(location.host)**

**//pending**

1. **SSLfinal\_State**

**location.protocol = ‘https:’**

**//check certificate age**

**//pending**

1. **Domain\_registeration\_length**

**//pending**

1. **Favicon**

**var getFavicon = function(){**

**var favicon = undefined;**

**var nodeList = document.getElementsByTagName("link");**

**for (var i = 0; i < nodeList.length; i++)**

**{**

**if((nodeList[i].getAttribute("rel") == "icon")||(nodeList[i].getAttribute("rel") == "shortcut icon"))**

**{**

**favicon = nodeList[i].getAttribute("href");**

**}**

**}**

**return favicon;**

**}**

**alert(getFavicon());​**

If favicon from same domain then genuine, else phishing.

1. **Port**

**//pending**

1. **HTTPS\_token**
2. **Request\_URL**
3. **URL\_of\_Anchor**
4. **Links\_in\_tags**
5. **SFH**
6. **Submitting\_to\_email**
7. **Abnormal\_URL**
8. **Redirect**
9. **on\_mouseover**
10. **RightClick**
11. **popUpWidnow**
12. **Iframe**
13. **age\_of\_domain**
14. **DNSRecord**
15. **web\_traffic**
16. **Page\_Rank**
17. **Google\_Index**
18. **Statistical\_report**
19. **Result**